

TENNESSEE COMMISSION ON

FIRE FIGHTING PERSONNEL STANDARDS AND EDUCATION



IN HOUSE PRACTICAL EXAMINATIONS FOR FIRE DEPARTMENTS

Department of Commerce and Insurance, Authorization No. 335388, 450 copies, February 2010. This public document was promulgated at a cost of \$4.04 per copy.

Contained in this booklet are the practical examinations to be utilized by fire departments in Tennessee for in-house practical examinations for the following levels of certification:

- Aerial Apparatus Driver Operator
- Pumper Driver/Operator
- Fire Apparatus Operator (which is Pumper Driver/Operator and Aerial Apparatus Driver/Operator practicals combined)
- Wildland Firefighter I
- Wildland Firefighter II
- Airport Firefighter
- Fire Safety Compliance Officer I *
- Fire Safety Compliance Officer II *

These examinations have been developed from the latest editions of the NFPA Standards applicable to each level of certification.

* This does not meet T.C.A. 68-120-113 nor does it meet the J.P.R.s for NFPA 1031

In order to qualify to challenge the written examination for one of these levels of certifications, a candidate must first be administered the practical examination as defined in the following pages. All Skill Sheets for a level must be passed in order to successfully complete the practical examination. All skills must be accomplished in accordance with applicable NFPA Standards and your fire department's SOPs/SOGs.

All candidates shall be in full personal protective equipment (no SCBA) when conducting aerial ladder operations (outriggers, ladder raising and retracting) and pumper operations (setting pressures, working with charged lines) and or master streams.

The completed Skill Sheets are to be kept on file in the fire department for each applicant for a period of at least 3 years from the date the applicant receives certification for that level. It is permissible for the completed skill sheets to be scanned into a pdf file for easier storage. These practicals are subject to audit by the Commission.

Please note that on skill sheets where the skill calls for a scenario to be utilized, it the responsibility of the Training Officer to develop the scenario to be used for that practical examination. The scenarios should be changed periodically to ensure security of the practical examinations being administered.

The "In House Practical Sign-off Sheet" must also be completed and must be attached to the "Application for Written Examination". A copy of this sheet should be maintained on file in the fire department as it must be attached to the application for any retests for that level of certification.

In accordance with the Commission's Rules and Regulations, this practical will be good from one year from the date the candidate first takes a written examination. Should the applicant have not passed the written examination after one year, the candidate will be required to take a new practical examination.

If a fire department would like to develop their own practical examination for any of these levels of certification, the practical must be submitted to the Commission for approval. Along with the practical, the department must submit a correlation sheet showing how all of the skills objectives outlined in the appropriate NFPA Standard are testing in the practical developed. The information submitted will be reviewed by the Commission at its next regularly scheduled meeting. In this instance, a statement signed by both the applicant and Training Officer must be attached to the "Application for Written Examination" certifying to the Commission that the practical examination approved by the Commission was completed and noting the date(s) of completion. The skill sheets must be kept on file and are subject to audit by the Commission.

<u>IMPORTANT:</u> As of ______, which is the effective date of the new Rules and Regulations of the Commission, no old practicals will be accepted. All applicants must complete a new practical in accordance with the latest NFPA Standards and these guidelines in order to be eligible to challenge a written examination.

	(AADO)						
Skill No. AADO-1		Task : Perform routine tes					
		g list given a fire departmer			acturer's sp	ecifications,	
Standard: 4.2.1	so that th	so that the operational status of the pumper is verified					
NFPA 1002 2009 Edition Performance Outcome: Th	a ability to	use hand tools recognize	vectom proble	ama and appropriate	doficionar	noted	
according to policies and pro-	•	use nand tools, recognize s	system proble	ems and correct any	deficiency	noted	
according to policies and pro-	ccdures.						
Equipment Required: A fire	e departme	nt aerial apparatus, the app	ropriate equi	pment to complete	the assigned	l task and	
appropriate department forms		11 / 11	1 1 1	1	S		
		Task Steps			Pass	Fail	
1. Batteries		-					
1. Batteries							
2. Braking system							
3. Coolant system							
4. Electrical system							
5. Fuel							
6. Hydraulic fluid							
7. Oil							
8. Tires							
9. Steering system							
10. Belts							
11. Tools, appliances and equ	ipment						
12. Stabilizing systems							
13. Inspect turntable assembl	У						
14. Inspect aerial device com	munication	n system					
15. Inspect aerial device exte	nsion/retra	cting system					
16. Inspect elevation/lifting c	ylinders						
17. Inspect the aerial ladder s	sections (fly	y, mid(s)) base					
18. Inspect aerial waterway a	nd nozzle	position					
19. Inspect equipment attache	ed to any p	ortion of the aerial device of	or ladder sect	ions			
♦20. The candidate shall wea	ar eye prote	ection while performing thi	s test				
◆ Critical Step - Failure on the	nis step	Total steps candidate	14	TOTALS			
mandates	_	must complete to pass:	4 1				
failure on the entire objective	e!						
Test Date		Location:					
Candidate			_SS#				
Candidate's Fire Dept		 					

Standard: 4.3.1 NFPA 1002 2009 Edition Performance Outcome: Preliminary apparatus inspection Equipment Required: Fire department aerial apparatus Task Steps Pass Pass Pail 1. Check and adjust the vehicle's mirrors 3. Fasten scatbelts PRIOR to placing the aerial apparatus in motion 4. Verify that ALL occupants are seated and seatbelts fastened prior to placing the aerial apparatus in motion 6. Verify that ALL occupants are seated and seatbelts fastened prior to placing the aerial apparatus in motion 6. Verifical Step - Failure on this step mandates failure on the entire objective Test Date Test Date Location: Candidate SS9 Candidate's Fire Dept. SS9 Candidate's Signature(s)	Skill No. AADO-2	Primary Task: The fi				
Performance Outcome: Preliminary apparatus Equipment Required: Fire department aerial apparatus Task Steps Pass Fail 1. Check and adjust the driver's seat 2. Check and adjust the vehicle's mirrors 3. Fasten seatbelts PRIOR to placing the aerial apparatus in motion 4. Verify that Al.L. occupants are seated and seatbelts fastened prior to placing the aerial apparatus in motion 4. Verify that Al.L. occupants are seated and seatbelts fastened prior to placing the aerial apparatus in motion 6. Critical Step - Failure on this step mandates failure on the entire objective Test Date Location: Candidate's Fire Dept.	Standard: 4.3.1	* *	istrate the at	omity to prepare in	е аепагарра	ratus to be
Equipment Required: Fire department aerial apparatus Task Steps Pass Fail 1. Check and adjust the vehicle's mirrors 2. Check and adjust the vehicle's mirrors 4. Verify that ALL occupants are seated and seatbelts fastened prior to placing the aerial apparatus in motion 4. Verify that ALL occupants are seated and seatbelts fastened prior to placing the aerial apparatus in motion • Critical Step - Failure on this step mandates failure on the entire objective Test Date						
Task Steps Pass Fail 1. Check and adjust the driver's seat 2. Check and adjust the vehicle's mirrors 4. Verify that ALL occupants are seated and seatbelts fastened prior to placing the aerial apparatus in motion 4. Verify that ALL occupants are seated and seatbelts fastened prior to placing the aerial apparatus in motion 4. Verify that ALL occupants are seated and seatbelts fastened prior to placing the aerial apparatus in motion 4. Verify that ALL occupants are seated and seatbelts fastened prior to placing the aerial apparatus in motion 5. Verify that ALL occupants are seated and seatbelts fastened prior to placing the aerial apparatus in motion 6. Verify that ALL occupants are seated and seatbelts fastened prior to placing the aerial apparatus in motion 7. Verify that ALL occupants are seated and seatbelts fastened prior to placing the aerial apparatus in motion 8. Verify that ALL occupants are seated and seatbelts fastened prior to placing the aerial apparatus in motion 8. Verify that ALL occupants are seated and seatbelts fastened prior to placing the aerial apparatus in motion 8. Verify that ALL occupants are seated and seatbelts fastened prior to placing the aerial apparatus in motion 9. Verify that ALL occupants are seated and seatbelts fastened prior to placing the aerial apparatus in motion 9. Verify that ALL occupants are seated and seatbelts fastened prior to placing the aerial apparatus in motion 9. Verify that ALL occupants are seated and seatbelts fastened prior to placing the aerial apparatus in motion 9. Verify that ALL occupants are seated and seatbelts fastened prior to placing the aerial apparatus in motion 9. Verify that ALL occupants are seated and seatbelts fastened prior to placing the aerial apparatus in motion 9. Verify that ALL occupants are seated and seatbelts fastened prior to placing the aerial apparatus in motion 9. Verify that ALL occupants are seated and seatbelts fastened prior to placing the aerial apparatus in motion 9. Verify that ALL occupants are seate	Performance Outcome : Preliminary	apparatus inspection				
Task Steps Pass Fail 1. Check and adjust the driver's seat 2. Check and adjust the vehicle's mirrors 43. Fasten seatbelts PRIOR to placing the aerial apparatus in motion 44. Verify that ALL occupants are seated and seatbelts fastened prior to placing the aerial apparatus in motion 4 Oritical Step - Failure on this step mandates failure on the entire objective must complete to pass: Total steps candidate must complete to pass: SS#	Equipment Required: Fire departme	ent aerial annaratus				
1. Check and adjust the driver's seat 2. Check and adjust the vehicle's mirrors 3. Fasten seatbelts PRIOR to placing the aerial apparatus in motion 4. Verify that ALL occupants are seated and seatbelts fastened prior to placing the aerial apparatus in motion 4. Verify that ALL occupants are seated and seatbelts fastened prior to placing the aerial apparatus in motion 4. Verifical Step - Failure on this step mandates failure on the entire objective must complete to pass: 5. Total steps candidate must complete to pass: 6. Candidate Step - Location: Candidate Step - Location: Candidate's Fire Dept.	Equipment Required. The departme				Pass	Fail
2. Check and adjust the vehicle's mirrors 43. Fasten seatbelts PRIOR to placing the aerial apparatus in motion 44. Verify that ALL occupants are seated and seatbelts fastened prior to placing the aerial apparatus in motion 4 Critical Step - Failure on this step mandates failure on the entire objective must complete to pass: 5 Total Step seandidate must complete to pass: 6 Total Step seandidate SS#	1 Check and adjust the driver's seat					
Fasten seatbelts PRIOR to placing the aerial apparatus in motion Verify that ALL occupants are seated and seatbelts fastened prior to placing the aerial apparatus in motion Critical Step - Failure on this step mandates failure on the entire objective Test Date Candidate Candidate SS# Total steps candidate in motion Total steps candidate in motion in motion Total steps candidate in motion in m	, and the second	rors				
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◆ Critical Step - Failure on this step mandates failure on the entire objective Test Date Candidate Candidate Candidate Candidate SS# SS# SS# STOTALS	▲ 1 Verify that AII occupants are se	ated and seathelts fastened	prior to pla	cing the aerial		
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mandates failure on the entire objective must complete to pass: Test Date Location: Candidate SS# Candidate's Fire Dept						
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objective Test DateLocation: CandidateSS# Candidate's Fire Dept			3	TOTALS		
Candidate SS#	objective					
Candidate's Fire Dept.						
Evaluator Signature(s)						
	Evaluator Signature(s)					

	(AADO)							
Skill No. AADO-3	Primary Task : Operate a fire department aerial apparatus over a predetermined							
	1	route on a public way that incorporates the maneuvers and features specified in						
Standard: 4.3.1		the list in 4.3.1 so that the vehicle is safely operated in compliance with all						
NFPA 1002 2009 Edition	applicable state and loc							
	requirements of NFPA 1500. Standard on Fire Department Occupational Safe							
	and Health Programs. S							
Performance Outcome : The candida		task oper	ating the department	aerial appara	tus on a			
predetermined route provided by the l	nost fire department.							
Equipment Required: A fully-equip		pparatus		T_	T =			
	Task Steps			Pass	Fail			
1. Four left turns								
2. Four right turns								
3. A straight section of urban business mile in length	s street or a two-lane rural r	oad at lea	ast one					
4. One through intersection and two in	ntersections where a stop ha	as to be m	nade					
5. One railroad crossing								
6. One curve, either left or right								
7. A section of limited-access highwa and exit and a section of road lor			entrance					
8. A down-grade steep enough and lo			and braking					
9. An upgrade steep enough and long speed	enough to require gear char	nging to r	naintain					
10. One underpass or a low clearance	or bridge							
◆ Critical Step - Failure on this step	Total steps candidate	7	TOTALS					
mandates failure on the entire objective	must complete to pass:							
Test Date	Location:							
Candidate	S	SS#						
Candidate's Fire Dept								
Evaluator Signature(s)								

			(AADO)					
Skill No. AADO-4	Primary Task : Perform	n the practi	cal driving exercis	ses specified in 4	4.3.2			
	through 4.3.5 given a f	ire departm	ent aerial apparatu	is and a spotter:	for backing so			
Standard: 4.3.2	that each exercise is	that each exercise is performed safely without, striking the vehicle or any						
NFPA 1002 2009 Edition		obstructions						
Performance Outcome: Back a vehic		tricted space	es on both the righ	nt and left sides	of the vehicle.			
given a fire department aerial apparatu								
left hand turns from the roadway, so the								
forward and without striking any obstr		Territi the re	stricted area, with	out having to st	op and/or pan			
Torward and without striking any obstr	uctions							
Equipment Required: A fire departm	ent aerial apparatus							
A. F	Task Steps			Pass	Fail			
1. Back the aerial apparatus into restric	stad amaga on the might aide	rrithaut ha	vina to					
		williout na	wing to					
stop and/or pull forward and without	ÿ	*.4 .4	•					
2. Back the aerial apparatus into restric			ing to					
stop and/or pull forward and without								
3. Do not allow the aerial apparatus to	leave the course boundarie	es						
◆4. Fasten seatbelts PRIOR to placing	the aerial apparatus in mot	tion						
◆5. Verify that ALL occupants are sear	ted and seatbelts fastened p	prior to plac	cing the					
aerial apparatus in motion								
♦ 6. Properly deploys a spotter during	the backing process							
Alley Dock Exercise								
They Doek Exercise								
12.2 m								
(40 ft)	4							
		-						
			<u> </u>					
	3.7 m (1	2 #1)	6.1 m (20 ft)					
0	3.7 11(1	211)	*					
Forward —	Backward							
A Cuitiant Store Trailing and thing	Total stone condidate		TOTAL C					
◆ Critical Step - Failure on this step	Total steps candidate	5	TOTALS					
	must complete to pass:							
objective!								
Tact Data	Location:							
Test DateCandidate		CC#·						
Candidate's Fire Dept								

Skill No. AADO-5	Primary Task: Perform					
Standard: 4.3.3	4.3.5 given a fie departm			_		
NFPA 1002 2009 Edition	exercise is performed safely without striking the vehicle or any obstructions					
Performance Outcome: Maneuver a f	ire department aerial app	aratus aroun	d obstructions on	a roadway wł	nile moving	
forward and in reverse, given a fire de		•	_			
vehicle is maneuvered through the obst	acle without stopping and	or changing	g the direction of tr	avel and with	out striking	
any obstructions						
Equipment Required : A fully-equipped	d fire department aerial app	paratus	· · · · · · · · · · · · · · · · · · ·			
	Task Steps			Pass	Fail	
1. Maneuver the aerial apparatus forward	d around obstructions with	out stopping				
and/or changing direction of travel a						
2. Maneuver the aerial apparatus in reve		• •	ng			
and/or changing direction of travel a		structions				
3. Do not allow the aerial apparatus to le	eave the course boundaries					
♦4. Fasten seatbelt PRIOR to placing the	e aerial apparatus in motion	1				
◆5. Verify that ALL occupants are seate	d and seatbelts fastened pri	or to placing				
the aerial apparatus in motion						
♦6. Properly deploys a spotter during th	e backing process					
	orward travel ————————————————————————————————————	-				
◆ <i>Critical Step</i> - Failure on this T	otal steps candidate	5	TOTALS			
1	nust complete to					
, i	ass:					
Test Date						
		SS#				
Candidate's Fire Dept. Evaluator Signature(s)						

Skill No. AADO-6	Primary Task : Perform the practical driving exercise						
S4	4.3.5 given a fire department aerial apparatus and a spotter for backing so that						
Standard: 4.3.4 NFPA 1002 2009 Edition	each exercise is performed safely without striking the vehicle or any obstructions.						
	lepartment vehicle 180 degrees within a confined sp	ace, given a fir	e department				
	a in which the vehicle cannot perform a U-turn withou						
that the vehicle is turned 180 degrees wi	thout striking any obstructions within the given space.						
	1.61						
Equipment Required: A fully-equippe	* **	Pass	Fail				
	Task Steps	Pass	ran				
1. Turn the aerial apparatus 180 degrees obstructions	within a confined space without striking						
2. Do not allow the aerial apparatus to le	eave course boundaries						
◆3. Fasten seatbelt PRIOR to placing the	e aerial apparatus in motion						
◆4. Verify that ALL occupants are seate aerial apparatus in motion	d and seatbelts fastened prior to placing the						
◆5. Properly deploys a spotter during the	e backing process.						
v 3. 11 openly deproys a spotter during th	e deking process.						
Confined Space Turn Around							
	(100 ft)						
◆ Critical Step - Failure on this step	Total steps candidate 4 TOTALS						
mandates failure on the entire	must complete to pass:						
objective! Test Date	Location:						
Candidate	SS#						
Candidate's Fire Dept.							
Evaluator Signature(s)							

Skill No: AADO-7	Primary Task: Perfo	orm the practi	ical driving exercis	ses specified in	4.3.2 through	
		4.3.5 given a fire department aerial apparatus and a spotter for backing, so that				
Standard: 4.3.5	each exercise is perfor	each exercise is performed safely without striking the vehicle or any obstructions				
NFPA 1002 2009 Edition						
Performance Outcome : Maneuver a						
given a fire department vehicle and						
horizontal and vertical clearances, so		ately judges	the ability of the	vehicle to pas	s through the	
openings and so that no obstructions a	re struck					
Equipment Required: A fully-equipped:	ped fire department aerial	apparatus				
	Task Steps			Pass	Fail	
1. Maneuver the aerial apparatus forw		ng clearance				
exercise without striking any obst 2. Do not allow the aerial apparatus to		ine				
◆3. Fasten seatbelt PRIOR to placing to						
	**					
◆4. Verify that ALL occupants are sea aerial apparatus in motion.	ted and seatbelts fastened	prior to plac	ing the			
◆5. Properly deploys a spotter during	the backing process.					
Diminishing Clearance						
Diminishing Clearance						
	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	=,				
	Truck Width = Outer edge of tire outer edge of tire	to				
	- dates eagle of the					
- With	h of truck + 1 ft	Width of	truck + 2 ft			
Store M	0 0	0	Ĭ			
Stop 1		Forward	Start/End			
Reverse			Starvend			
A 74500 COSCO	0 0	0				
50 n —	1					
50 ft —	75 ft —		+			
		1	-			
◆ Critical Step - Failure on this step	Total steps candidate	4	TOTALS			
mandates failure on the entire	must complete to pass:					
objective!						
Test Date		00"				
Candidate Candidate's Fine Dent		_SS#				
Candidate's Fire Dept						
Evaluator Signature(s)						

Skill No.: AADO-8		Primary Task : Perform routine tests, inspections and servicing functions					
Standard: 6.1.1	specified in the followin	specified in the following list in addition to those specified in 4.2.1					
NFPA 1002 2009 Edition							
Performance Outcome: The ability				ons in additio	n to those		
specified in 4.2.1 while following all	manufacture and local jurisdi	ictions policie	es and procedures				
Equipment Required: A fully-equip		paratus, the a	ppropriate equipme	nt to complete	the		
assigned task and appropriate departm	ent forms Task Steps			Pass	Fail1.		
1 Cohla avotama (if amili ashla)	Task Steps			F 488	Talli.		
1. Cable systems (if applicable)							
2. Aerial device hydraulic systems							
3. Slides and rollers							
4. Stabilizing systems							
5. Aerial device safety systems							
6. Breathing air systems							
7. Communication systems							
A Cuitinal Stan Failure and this	Total stans andidate		TOTALC				
◆ <i>Critical Step</i> - Failure on this step mandate failure on the entire objective!	Total steps candidate must complete to pass:	5	TOTALS				
Test Date							
Candidate		SS#					
Candidate's Fire Dept Evaluator Signature(s)							
Diametri Digitatoro(b)							

GHTING AERIAL APPARATUS DRIVER/OPERATOR (AADO) Primary Task: Stabilize an aerial apparatus given a properly positioned yehiol

Skill No.: AADO-9	Primary Task: Stabiliz		1 0 1		
Standards (2.2	and the manufacturer's r		•		
Standard: 6.2.2 NFPA 1002 2009 Edition	aerial device hydraulic s	ystem and the	e device can be said	ery deproye	ea.
Performance Outcome . The ability	to transfer power from the ve	hicles engine	e to the hydraulic sy	exstem and o	onerate vehicle
stabilization devices	to transfer power from the ve	meies engin	e to the hydraune sy	ystem and t	operate venicie
statingation at vices					
Equipment Required: A fully-equip	ped fire department aerial ap	paratus, the a	ppropriate equipme	ent to comp	olete the
assigned task and appropriate departn					
	Task Steps			Pass	Fail
1. Ensure the apparatus placement in	appropriate for the assigned t	ask			
2. Set the parking brake					
3. Place transmission selector in the a	ppropriate gear recommende	d by the man	ufacturer		
4. Activate the PTO system					
5. Place the transmission selector in the for the assigned task	ne appropriate gear recomme	nded by the r	manufacturer		
6. Check for overhead obstructions an	d ensure proper apparatus pl	acement			
♦7. Dons full personal protective equ	ipment				
◆8. Chock both in front of and behind The apparatus (based on manufact		heel(s) on bo	oth sides of		
♦9. Check the expected travel path of	<i></i>	ns and/or lim	niting		
factors					
10. Check the ground surface for stab	ility and proper conditions				
11. Deploy and properly place the stal	pilizer ground pads				
12. Properly deploy the stabilizers					
13. Raise the apparatus to its working	position, as close to level as	possible			
14. Lock the stabilizers by manufactu feature safety pins or combination	`	ing valves, ir	nterlock		
reactive sarcty pins of combination	1 01 10010103)				
◆ Critical Step - Failure on this step	Total steps candidate	10	TOTALS		
mandates failure on the entire	must complete to pass:	10	IOIALS		
objective!					
Test Date					
Candidate	SS	#			
Candidate's Fire Dept					
Evaluator Signature(s)					

Skill No. AADO-10	Primary Task: Maner				
	given an incident location, a situation description, and an assignment, so that the				
Standard: 6.2.3	aerial device is proper	ly positioned to s	afely accomplish	the assignment	t
NFPA 1002 2009 Edition		1		1 .7 1 11	
Performance Outcome : The ability					
unlock, retract, lower and bed the aer					
device to perform window ventilation	from the wir	ndow from the le	ft/right of the	floor of	a multiple
story building on the side.	The wind is out of the	at	_ mph.		
Equipment Required: A fully-equip	and fire denortment cor	ial apparatus th	a appropriate ag	uinmant to ac	mplata tha
assigned task and appropriate department		iai apparatus, tii	e appropriate eq	urpinent to co	inpiete the
assigned task and appropriate departme	Task Steps			Pass	Fail
				1 435	T all
1. Ensure all safety devices are in place	e and are properly used by	the operator			
◆2. Check the intended path of the aer		s (overhead, ladde	er cradle,		
cabinetry, accessories, personnel, e					
3. Elevate the aerial device in a safe, si		•	-		
engine speed for the application to 4. Rotate the aerial device in a safe, sm			anaina		
speed for the application until the t					
(to the upwind side)	ip of the device is filline v	vitii tile iiitended	target		
5. Extend the aerial device in a safe, sn		using the correct	engine		
speed for the application slightly a					
6. Lower the aerial device to the object	ive (slightly above the wi	ndow)			
7. Align aerial device ladder rungs					
8. Refers to aerial load chart for proper	ladder and tip loads				
9. Clears firefighters to safely climb th	e aerial ladder				
♦ <i>Critical Step</i> - Failure on this step	Total steps candidate	7	TOTALS		
	must complete to pass:	'	TOTALS		
objective.	r r				
Test Date	Location:	l			
Candidate		SS#			
Candidate's Fire Dept.					
Evaluator Signature(s)					

	(AADO)							
Skill No. AADO-11	Primary Task: After	Primary Task : After raising aerial in accordance with 6.2.3, firefighter will lower						
	aerial, using the emerg	•		_				
Standards: 6.2.4		bedded position.						
NFPA 1002 2009 Edition	•							
Performance Outcome : The ability	to raise the aerial in accor	rdance with 6.2.	3 The operator w	ill lower the	aerial to the			
bedded position using the emergency								
to all departmental policies and proced		rator will adiler	e to the manufacta	res guidennes	dia delicie			
to an departmental policies and proces	duics							
Equipment Required : A fully-equi	nned fire department ser	ial apparatus f	ha annronriata ag	inment to co	omplete the			
assigned task and appropriate departm		iai apparatus, t	ne appropriate eq	inplinent to co	ompiete the			
assigned task and appropriate departing	Task Steps			Pass	Fail			
	Task Steps			Pass	ran			
1. Ensure all safety devices are in place	e and are properly used by	the operator						
◆2. Check the intended path of the ae		s (overhead, lado	der cradle,					
cabinetry, accessories, personnel,	etc.)							
3. Elevate the aerial device in a safe, s	mooth, efficient operation	using the correc	et					
engine speed for the application to	the desired height for the	intended target						
4. Rotate the aerial device in a safe, sr	mooth, efficient operation	using the correct	engine					
speed for the application until the								
(to the upwind side)	1		C					
5. Extended the aerial device in a safe	smooth, efficient operation	on using the cor	ect					
engine speed for the application s		•						
6. Lower the aerial device to the object	-	_						
7. Align aerial device ladder rungs								
7. Triigii deridi device idddei ruiigs								
8. Refers to aerial load chart for prope	r ladder and tip loads							
9. Lowers aerial to bedded position us	ing emergency operating s	systems						
10 11 15	T-4-1-4. 1914	_						
◆ Critical Step - Failure on this step	Total steps candidate	7	TOTALS					
mandates failure on the entire	must complete to pass:							
objective!								
Test Date	Location:							
Candidate		SS#						
Candidate's Fire Dept								
Evaluator Signature(s)								

	(AADO)							
Skill No: AADO-12	Primary Task: Deploy	y and operate a	n elevated master st	ream, given a	master			
	stream device and a de	sired flow, so the	nat the stream in ef	fective and the	e device is			
Standards: 6.2.5	operated safely	operated safely						
NFPA 1002 2009 Edition								
Performance Outcome : The ability	to connect a water supply	to a master st	ream device and co	ontrol an elev	ated nozzle			
remotely during a fire attack								
Equipment Required: A fully-equipment assigned task and appropriate department.		ial apparatus, t	he appropriate equ	aipment to co	omplete the			
ussigned task and appropriate departing	Task Steps			Pass	Fail			
1. Ensure all safety devices are in place	ce and are properly used by	the operator						
◆2. Check the intended path of the ae cabinetry, accessories, personnel,		(overhead, lade	der cradle,					
3. Elevate the aerial device in a safe,		using the corre	et.					
engine speed for the application to								
4. Rotate the aerial device in a safe, safe,			t engine					
speed for the application until the	tip of the device is in-line	with the intend	ed target					
5. Extended the aerial device in a safe			rect					
engine speed for the application s	<u> </u>		-)					
6. Position proper nozzle placement f			1)					
7. Adjust nozzle angle for the assigne		ard ceiling)						
8. Notifies engineer to turn off water	to aerial ladder							
9. Returns the nozzle to proper position	on for storage							
10. Retract, rotate and lower aerial de	vice							
11. Properly bed the aerial device								
12. Close water supply and disconnec	t water supply from the fire	e apparatus						
13. Opens waterway drain and drains ladder	waterway pipe completely	prior to reposit	oning the					
◆ Critical Step - Failure on this step	Total steps candidate	10	TOTALS					
mandates failure on the entire	must complete to pass:	10						
objective!	T =							
Test Date	Location:	SS#						
CandidateCandidate's Fire Dept.		\$\$#						
Evaluator Signature								
Litardator orginature								

Skill No: AADO-13	Primary Task : Deploy and operate an elevated master stream given a master					
Standards (25	stream device and a desired flow, so that the stream is effective and the device is					
Standards: 6.2.5 NFPA 1002, 2009	operated safely					
	connect a water supply to a master stream device and	control an alay	ated nozzle			
	itus operator will first explain and demonstrate the prop					
	ter connecting an adequate water supply, the aerial ope					
	rial device and position the waterway to flow					
	floor window on theside of the building					
	ust calculate and flow the correct pump pressure for the si					
Equipment Required : A fully-equipped assigned task and access to department p	ed fire department aerial apparatus, the appropriate ecolicies and procedures	quipment to co	mplete the			
	Task Steps	Pass	Fail			
Connect an adequate water supply to to manufacturer's specifications)	he proper water inlet (as per department SOPs and					
2. Ensure all safety devices are in place	and are properly used by the operator					
◆3. Check the intended path of the aerial cabinetry, accessories, personnel, etc.	device for obstructions (overhead, ladder cradle, e.)					
4. Elevate the aerial device in a safe, smo for the application to the desired height	ooth, efficient operation using the correct engine speed ht for the intended target.					
	oth, efficient operation using the correct engine speed e device is in line with the intended target					
6. Extend the aerial device in a safe, smo	oth, efficient operation using the correct engine speed					
for the application slightly above the 7. Position proper nozzle placement for t						
8. Adjust nozzle angle for the assigned ta						
9. Refers to aerial load chart for proper la						
device and waterway	valve with minimal stress and movement of the aerial					
11. Discharges the correct gpm for the as	signed task at psi pump pressure					
12. Smoothly closes the waterway discha aerial device and waterway	arge valve with minimal stress and movement of the					
13. Disengages pump						
14. Close water supply and disconnect w	ater supply from fire apparatus					
Skills Continued On Next Page						

SKILL AAD0-13 CONTINUED

15. Opens waterway drain and drains waterway pipe completely prior to repositioning the ladder							
16. Returns the nozzle to proper position for storage							
17. Retract, rotate and lower aerial de	7. Retract, rotate and lower aerial device						
18. Properly bed the aerial device							
A Cuitical Stan Ecitions on this stan	Total stone aandidata must	10	TOTALC				
◆ <i>Critical Step</i> - Failure on this step mandates failure on the entire	Total steps candidate must complete to pass:	13	TOTALS				
objective!							
Test DateCandidate	Location: SS#	 !					
Candidate's Fire Dept							
Evaluator Signature(S)							

Skill No: AADO-14	Primary Task : Deplo stream device and a de	•			
	operated safely	isin ca now, so a		iccii ve aira ti	ile device is
Standards: 6.2.5 NFPA 1002 2009					
Performance Outcome : The ability	to connect a water supply	to a master str	ream device and c	ontrol an ele	evated nozzle
manually or remotely. The aerial app	aratus operator will first e	explain and dem	nonstrate the prope	r procedures	s to manually
operate the nozzle on the waterway.					
proper procedures to safely raise the a	erial device and position tl	he waterway to	flow gpm us	sing a	inch smooth
bore nozzle/fog nozzle, feet in				ve firefightii	ng mode. The
aerial operator must calculate and flow	v the correct pump pressur	e for the situation	on described.		
Equipment Required: A fully-equi	nned fire department per	ial apparatus t	ha appropriate ag	uinment to	complete the
assigned task and access to departmen		iai apparatus, t	не арргориате еф	urpinent to	complete the
assigned task and access to department	Task Steps			Pass	Fail
				1 0000	
1. Connect an adequate water supply t manufacturer's specifications)	o the proper water inlet (as	s per departmen	t SOPs and		
2. Ensure all safety devices are in place	e and are properly used by	the operator			
♦3. Check the intended path of the ae		(overhead, lade	der cradle,		
cabinetry, accessories, personnel, 4. Elevate the aerial device in a safe, s					
for the application to the desired h		_	ct engine speed		
5. Rotate the aerial device in a safe, sr			t engine speed		
for the application until the tip of	•	•			
6. Extend the aerial device in a safe, sa					
for the application slightly above	•	C			
7. Position proper nozzle placement for	or the assigned task (wide	fog pattern)			
8. Adjust nozzle angle for the assigned	d task (between windows)				
9. Refers to aerial load chart for prope	r ladder and tip loads				
10. Smoothly opens waterway dischar	ge valve with minimal stre	ess and moveme	ent of the aerial		
device and waterway	1, 1, ,				
11. Discharges the correct gpm for the	assigned task at	_ psi pump pres	sure		
◆ Critical Step - Failure on this step	Total steps candidate	8	TOTALS		
mandates failure on the entire	must complete to pass:	U	TOTALS		
objective!					
Test Date	Location:				
		SS#			
Candidate's Fire Dept.					
Evaluator Signature(s)					

(AADO)					
Skill No. AADO-15	Primary Task: Depl	oy and oper	rate an elevated n	naster stream,	given a master
	stream device and a de	esired flow,	so that the stream	is effective an	d the device is
Standard: 6.2.5	operated safely				
NFPA 1002 2009 Edition					
Performance Outcome : The ability	to connect a water supply	to a master	r stream device ar	nd control an e	elevated nozzle
manually or remotely. The aerial app					
operate the nozzle on the waterway.					
proper procedures to safely raise the a				operator will a	emonstrate the
proper procedures to surery ruise the u	erial device and position to	ie waterway	•		
Equipment Required : A fully equi	nned fire denartment aer	ial annaratu	s the annronriate	equipment to	complete the
assigned task and access to departmen		iai apparatu	s, the appropriate	equipment to	complete the
assigned task and access to departmen				D	17-21
	Task Steps			Pass	Fail
1. Connect an adequate water supply t	o the proper water inlet				
1 11 1	• •				
2. Ensure all safety devices are in place	ce and are properly used by	y the operato	or		
◆3. Check the intended path of the ac	rial device for obstruction	s (overhead	ladder		
cradle, cabinetry, accessories, per		o (o refficue,	144401		
4. Elevate the aerial device in a safe,		using the co	orrect		
engine speed for the application i					
5. Rotate the aerial device in a safe, sr	-		•		
engine speed for the application u	nui the tip of the device is	in line with	the intended		
target					
6. Extend the aerial device in a safe, s		_	orrect		
engine speed for the application					
7. Position proper nozzle placement f	or the assigned task (wide	fog pattern)			
8. Adjust nozzle angle for the assigned	d task (between windows)				
9. Refers to aerial load chart for propo	er ladder and tip loads				
1 1	1				
◆ Critical Step - Failure on this step	Total steps candidate	7	TOTALS		
mandates failure on the entire	must complete to pass:	,	IUIALS		
objective	must complete to puss.				
Test Date	Location				
G 1: 1 .		 SS#			
Candidate Candidate's Fire Dent		DO#			
Candidate's Fire Dept.					
Evaluator Signature(s)					

	(AADO)					
Skill No. AADO-16	Primary Task: Deplo	y and opera	te a foam elevated	l master strear	n given a foam-	
	capable master stream	device and a	a desired flow so t	hat the stream	is effective and	
Standard: 6.2.5	the device is operated s	the device is operated safely				
NFPA 1002 2009 Edition						
Performance Outcome: The ability to	supply foam to a master	stream dev	rice and control ar	elevated noz	zle manually or	
remotely. The candidate shall demo						
equipment and produce an effective ele				,	or rounn surounn	
equipment and produce an effective eff	vacca ine stream supplies	. with fourn.				
Equipment Required: A fully-equi	nned fire department aer	ial annaratı	is the annronriate	e equinment t	o complete the	
assigned task and access to department		таг арраган	is, the appropriate	equipment t	to complete the	
assigned task and access to department				Pass	Fail	
	Task Steps			Pass	rall	
1. Ensure all safety devices are in place	e and are properly used by	the operato	r			
◆2. Check the intended path of the aer		s (overhead,	ladder cradle,			
cabinetry, accessories, personnel,						
3. Elevate the aerial device in a safe, s	mooth, efficient operation	using the co	orrect engine			
speed for the application to the de	sired height for the intend	ed target				
4. Rotate the aerial device in a safe, sm	ooth, efficient operation u	sing the cor	rect engine			
speed for the application until the t						
5. Extend the aerial device in a safe, si						
speed for the application slightly a	_	using the co				
6. Position proper nozzle placement for		fog nattern)				
o. Tosition proper nozzie pracement io	of the assigned task (wide	log pattern)				
◆7. Identify type of foam-producing ed	quipment being utilized					
8. Prepare foam-producing equipment	for operation					
9. Adjust throttle to correct pump disc	harge pressure for foam-p	roducing eq	uipment being			
utilized	C 'C' C'		. 11 .1			
♦10. Identify correct foam concentration	on for a specific type fire, t	to be determ	ined by the			
evaluator						
11. Produce an effective foam-supplied						
◆12. Identify limitations of foam type b	peing utilized					
♦13. Demonstrate shut down procedure	es					
♦14. Identify proper cleaning or flushing		ent utilized,	per the			
manufacturer's recommendations	<u>i </u>					
<u> </u>	Total steps candidate	10	TOTALS			
mandates failure on the entire	must complete to pass:	-0				
objective						
Test Date	Location:					
Candidate		1011				
Condidate's Fire Dont	~					
Evaluator Signature(s)						

(AADO)					
Skill No. AADO-17		Primary Task: Deploy and operate an elevated master stream, given an			
	aerial device, a maste				
Standard: 6.2.5	effective and the aeria	al and mast	er stream devices	are operated o	correctly.
NFPA 1002 2009 Edition					
Performance Outcome: - The abilit	ty to connect a water supp	oly to a mas	ster stream device	e and control a	n elevated
nozzle manually or remotely.					
Equipment Required: A fully-equ		ial apparatı	as, the appropriate	e equipment to	complete the
assigned task and access to departmen					
THE CANDIDAT	E MUST COMPLE	TE EITH	HER TASK 1	OR TASK 2	2
	Task Steps			Pass	Fail
AERIAL LADDERS WITH	-	DER PIPE	NOZZLE		
1. Position the Apparatus					
2. Transfer power from the drive train	to the aerial device hydrau	ılic system.			
♦3. Set the stabilizers					
4. Duana de la 14 de mina formation					
4. Prepare the ladder pipe for attachm		4	C1-1 -		
a. Fog Nozzle: Set for appro	•				
b. Solid Stream Nozzle: Plac		end of nozz	zie.		
◆5. Attach the ladder pipe and hose to	the aerial ladder.				
♦6. Attach supply hose to aerial ladde	er, running hose down the c	enter of the	ladder and		
lashing the hose to the ladder once					
7. Attach a siamese appliance to the			ipply hose.		
8. Attach a supply hose to the siameso	e.				
9. Raise the aerial ladder to the des	sired operational position	1.			
10. Engage the aerial ladder locks	(If present).				
11. Check the ladder pipe controls.					
12. Charge the ladder pipe supply	hose and operate the fire	ctream			
	-	sucam.			
a. Fog Nozzle: 80 psi (56)					
b. Solid Stream Nozzle: 10	_	1	1.0.11.		
13. Correctly demonstrate how to a side.	nanually or remotely rot	ate the noz	zle from side to		
14. Correctly demonstrate how to 1	nanually or remotely rais	se and low	er the nozzle.		
15. Correctly demonstrate how to 1	nanually or remotely adj	ust the spra	ay pattern of		
the nozzle.					
16. Shut down the ladder pipe open	ration and stow the aerial	device an	d all associated		
equipment.					
SKILL AADO-17 CONT	INUED ON NEXT PAGE	E WITH TA	ASK 2		
◆ Critical Step - Failure on this step	Total steps candidate	12	TOTALS		
mandates failure on the entire	must complete to pass:	1 4	TOTALS		
objective	I I I				
Test Date	Location:				
		SS#			
Candidate's Fire Dept.					
Evaluator Signature(s)					

SKILL AAD0-17 CONTINUED

TASK 2 **AERIAL LADDERS WITH FIXED WATERWAY SYSTEMS**

	TASK STEPS			PASS	FAIL
1. Position the apparatus.					
2. Transfer power from the drive to					
◆3. Set the stabilizers					
 4. Establish a water supply to the a a. Quint supplying master strea hose or multiple medium-di pump intake on the aerial ap b. Pumper supplying master str medium-diameter supply hose 5. Raise the aerial ladder to the des 					
◆6. Engage the aerial ladder locks.	med operational position.				
7. Check the ladder pipe control ro	pes (If present).				
8. Charge the waterway and operat a. Fog Nozzle: 80 psi (560 kP b. Solid Stream Nozzle: 100 p	e the fire stream.				
9. Correctly demonstrates how to r side.		e the nozzle from	om side to		
10. Correctly demonstrates how to	manually or remotely rais	e and lower th	e nozzle.		
11. Correctly demonstrates how to nozzle.	manually or remotely adju	ist the spray pa	attern of the		
12. Shut down the waterway system equipment.	n and stow the aerial device	e and all asso	ciated		
A Cristian I Stare Failure on this stare	Total stone condidate mu	at 0			
◆ <i>Critical Step</i> - Failure on this step mandates failure on the entire	Total steps candidate mu complete to pass:	st 9	TOTALS		
objective!					
Test Date	Location:				
Candidate					
Candidate's Fire Dept					

PUMPER DRIVER/OPERATOR

Skill No: PDO-1 Standards: 4.2.1 and 5.1.1	specified in the following manufacturer's specific	Primary Task : Perform routine tests, inspections and servicing functions specified in the following list given a fire department pumper and its manufacturer's specifications, so that the operational status of the pumper is				
NFPA 1002, 2009 Edition		verified. o use hand tools, recognize system problems and correct any deficiency noted				
according to policies and procedures.	to use nand tools, recog	gnize system	problems and corr	ect any denc	iency noted	
Equipment Required: A fire departr	ment pumper, the appropria	te equipment	to complete the assi	gned task and	appropriate	
department forms	T 1 C			T 70	T	
	Task Steps			Pass	Fail	
1. Batteries						
2. Braking System						
3. Coolant System						
4. Electrical System						
5. Fuel						
6. Hydraulic Fluids						
7. Oil						
8. Tires						
9. Steering System						
10. Belts						
11. Tools, Appliances and Equipment						
12. Perform a routine inspection or accordance with departmental		r extinguishir	ng agent levels in			
13. Perform a routine inspection on the procedures and policies		dance with dep	partmental			
14. Perform a routine inspection on the	e foam system in accordance	ce with depart	mental			
procedures and policies	i an vyhila manfamaina thia t	- a1-				
◆15. Candidate shall wear eye protect	ion while performing this ti	ask				
◆ Critical Step - Failure on this step	Total steps candidate	11	TOTALS			
mandates failure on the entire	must complete to pass:	11	IOIALS			
objective! Test Date	Location					
Candidate	Location	SS#				
Candidate's Fire Dept.						
Evaluator Signature(s)						

Skill No: PDO-2	Primary Task : The fire ap							
Standards: 4.3.1	pumper, shall demonstrate	pumper, shall demonstrate the ability to prepare the pumper to be driven.						
NFPA 1002, 2009 Edition								
Performance Outcome: Preliminary apparatus inspection								
Equipment Required: Fire department	Equipment Required: Fire department pumper							
	Task Steps			Pass	Fail			
1. Check and adjust the driver's seat								
2. Check and adjust the vehicle's mirrors								
◆3. Fasten seatbelt PRIOR to placing t	he pumper in motion							
◆4. Verify that ALL occupants are sea motion (if applicable)	ted and seatbelts fastened prio	r to placing	the pumper in					
motion (ii approacte)								
▲ Critical Stan Ecilure on this stan	Total steps candidate		TOTALC					
◆ <i>Critical Step</i> - Failure on this step mandates failure on the entire	must complete to pass:	3	TOTALS					
objective!								
Test DateCandidate								
Candidate's Fire Dept.								
Evaluator Signature								

			(PDO)			
Skill No: PDO-3		Primary Task: Operate a fire department pumper over a predetermined route on a				
	public way that incorporate					
Standards: 4.3.1	4.3.1 so that the vehicle is					
NFPA 1002, 2009 Edition		and local laws, department rules and regulations and the requirements of NFP 1500, Standard on Fire Department Occupational Safety and Health Programs				
	Section 4.2.	epartment O	ccupational Safety	and Health I	Programs,	
Performance Outcome: The candidate	L	alr amanatina	the demonstration of		una datammin a d	
route provided by the candidate's fire		sk operating	, the department pt	imper on a p	redetermined	
Equipment Required: Fire department	ent pumper					
	Task Steps			Pass	Fail	
1. Four left turns						
2. Four right turns						
3. A straight section of urban business			e mile in length			
4. One through-intersection and two i	ntersections where a stop has t	o be made				
5. One railroad crossing						
6. One curve, either left or right						
7. A section of limited-access highwa section of road long enough to all-		ramp entran	ce and exit and a			
8. A downgrade steep enough and lon						
9. An upgrade steep enough and long	enough to require gear changing	ng to mainta	in speed			
10. One underpass or a low clearance	or bridge					
◆ Critical Step - Failure on this step	Total steps candidate	7	TOTALS			
mandates failure on the entire objective!	must complete to pass:					
Test Date						
Candidate						
Candidate's Fire Dept						
Evaluator Signature						

			(PDO)			
Skill No: PDO-4	Primary Task: Perform th					
	fie department pumper and				is	
Standards: 4.3.2	performed safely without s	performed safely without striking the vehicle or any obstructions				
NFPA 1002, 2009 Edition						
Performance Outcome : Back a vehicl						
given a fire department pumper, a spott						
turns from the roadway, so that the veh	nicle is parked within the res	tricted areas	s without having to	stop and/or p	ull forward	
and without striking any obstructions.						
Equipment Required: A fire department	ent pumper					
	Task Steps			Pass	Fail	
1. Back the pumper into restricted space	e on the right side without ha	ving to stop	and/or pull			
forward and without striking any ob-		C I	•			
2. Back the pumper into restricted space		ing to stop a	and/or pull			
forward and without striking any ob-			1			
3. Do not allow the pumper to leave the						
♦4. Fasten seatbelt PRIOR to placing th						
♦5. Verify that ALL occupants are seate	ed and seatbelts fastened prio	r to placing	the pumper in			
motion (if applicable)						
♦ 6. Properly deploys a spotter during the	he backing process					
Alley Dock Exercise 12.2 m (40 ft) Forward —	3.7 m (12	(2)	1 m 100 ft)			
1	Total steps candidate	5	TOTALS			
	must complete to pass:	_				
objective!	T - 4'					
Test Date						
Candidate Candidate's Fire Dept.						
Evaluator Signature						

Skill No: PDO-5						
Ctondondor 4.2.2		4.3.5 given a fire department pumper and a spotter for backing, so that each				
Standards: 4.3.3 NFPA 1002, 2009 Edition	exercise is performed safe	exercise is performed safely without striking the vehicle or any obstructions				
Performance Outcome: Maneuver a	fire department pumper arour	d obstructio	ons on a roadway w	hile moving	forward and	
in reverse, given a fire department						
maneuvered through the obstacle w						
obstructions.	11 0				,	
Equipment Required: A fire departn	• •				T =	
	Task Steps			Pass	Fail	
1. Maneuver the pumper forward arou	nd obstructions without stoppi	ng and/or c	hanging direction			
of travel and without striking any		C				
2. Maneuver the pumper in reverse are		ping and/or	changing			
direction of travel and without stri						
3. Do not allow the pumper to leave the	ne course boundaries					
♦4. Fasten seatbelt PRIOR to placing	the pumper in motion					
◆5. Verify that ALL occupants are sea motion (if applicable)	ted and seatbelts fastened price	r to placing	the pumper in			
♦6. Properly deploys a spotter during	the backing process					
	Forward travel Backward travel — — — — — — — — — — — — — — — — — — —	 				
◆ Critical Step - Failure on this step	Total steps candidate	5	TOTALS			
mandates failure on the entire objective!	must complete to pass:					
Test Date	Location:	l				
Candidate						
Candidate's Fire Dept						
Evaluator Signature						

Skill No: PDO-6 Standards: 4.3.4	Primary Task : Perform the practical driving exercises specified in 4.3.2 through 4.3.5 given a fire department pumper and a spotter for backing, so that each				
NFPA 1002, 2009 Edition	exercise is performed safely without striking the vehicle or any obstructions.				
Performance Outcome : Turn a fire vehicle, a spotter for backing and an a that the vehicle is turned 180 degrees	rea in which the vehicle cannot	ot perform a	U-turn without sto		
Equipment Required: A fire departm	nent pumper				
Task Steps				Pass	Fail
1. Turn the pumper 180 degrees within	n a confined space, without str	iking obstru	ctions		
2. Do not allow the pumper to leave co	ourse boundaries				
◆3. Fasten seatbelt PRIOR to placing	the pumper in motion				
♦4. Verify that ALL occupants are sea motion (if applicable)	ted and seatbelts fastened prio	r to placing	the pumper in		
♦5. Properly deploys a spotter during	the backing process				
Confined Space Turn Around		_	-		
	(100 ft)				
15.24 m (50 ft))3.7 m	Forward travel Backward travel ———		
◆ <i>Critical Step</i> - Failure on this step mandates failure on the entire objective!	Total steps candidate must complete to pass:	4	TOTALS		
Test DateCandidate		S#			
Candidate's Fire Dept.					
Evaluator Signature					

	(PDO)				
Skill No: PDO-7	Primary Task : Perform the practical driving exercises in specified 4.3.2 through				
	4.3.5 given a fire department pumper and a spotter for backing, so that each				
Standards: 4.3.5	exercise is performed safely without striking the vehicle or any obstruction.				
NFPA 1002, 2009 Edition					
Performance Outcome: Maneuver a					
given a fire department vehicle and					
horizontal and vertical clearances, so		ly judges the	ability of the vel	nicle to pass t	through the
openings and so that no obstructions are	e struck.				
Equipment Required: Fire department	nt numper				
Equipment Required. The department	Task Steps			Pass	Fail
Maneuver the pumper forward through obstructions	gh the diminishing clearanc	e exercise with	hout striking any		
2. Do not allow the pumper to cross ov	er the finishing line				
◆3. Fasten seatbelt PRIOR to placing t	he pumper in motion				
◆4. Verify that ALL occupants are seat		ior to placing t	the pumper in		
motion (if applicable)	Pr		r r		
♦5. Properly deploys a spotter during	the backing process				
And the second s					
Diminishing Clearance					
	Truck Width = Outer edge of fire to				
	outer edge of tire				
■ Width of	truck + 1 ft	Width of truck + 2 ft			
Stop	0 0	Forward			
at line Reverse		<u>-</u> [S	tart/End		
	0 0 0	6			
50 n —	75 ft —	-			
	T-4-1-4 1'1-4		TOTAL TO		
	Total steps candidate	4	TOTALS		
	must complete to pass:				
objective!	.				
Test Date					
Candidate		SS#			
Candidate's Fire Dept.		_			

Skill No: PDO-8	Primary Task : The fire apparatus driver/operator, given a fire department						
Standards: 5.2.1	pumper, shall demonstrate	pumper, shall demonstrate placing the pump in service for pumping operations.					
NFPA 1002, 2009 Edition							
Performance Outcome : The driver/operator shall safely and efficiently complete all in cab procedures.							
Fauinment Required: Fire department	Equipment Dequipeds Fire department appropriate with wheel sheets						
Equipment Required: Fire department pumper equipped with wheel chocks Task Steps				Pass	Fail		
_							
1. Bring the apparatus to a full stop and allow the engine to slow to idle speed							
2. Shift the transmission to neutral and set the brake							
3. Depress the brake pedal and engage the pump shift switch and lock							
4. Shift the transmission into pump ge	nr						
◆5. Properly position wheel chocks							
6. Open water tank to pump valve							
7. Describe manual pump engagement	procedures						
♦ Critical Step - Failure on this step mandates failure on the entire Total steps candidate must complete to pass: 6 TOTALS							
objective!							
Test Date							
Candidate		S#					
Candidate's Fire Dept Evaluator Signature							
Diamanor Dignature							

Skill No: PDO-9	Primary Task: Produce e	ffective hand	d or master stream	s, given the so	urces
		specified in the following list, so that the pump is safely engaged, all pressure			
Standards: 5.2.1	control and vehicle safety				
NFPA 1002, 2009 Edition	_	and maintained, and the apparatus is continuously monitored for potential			
problems. Performance Outcome: The fire apparatus driver/operator, given a fire department pumper, shall demonstrate pump					
operations (from the internal tank) f					
	nozzle being will pro				
discharge pressure					
Equipment Required: Fire departme	nt number and aguinment date	rmined by a	voluntors		
Equipment Required. The departme	Task Steps	illillied by e	varuators	Pass	Fail
				1 433	1 411
1. Open the water tank to pump valve					
2. Place the transfer valve in <i>volume/p</i>	pressure (if applicable)				
3. Open the correct discharge valve					
4. Adjust the throttle to the correct dis		ssary)			
♦5. Set the pressure control device to t	the operating pressure				
6. Monitor system for overheating					
7. Operate auxiliary cooling system (in	f applicable)				
♦ Critical Step - Failure on this step mandates failure on the entire Total steps candidate must complete to pass: 5					
objective!	must complete to pass.				
Test Date	Location:	I			
Candidate SS#					
Candidate's Fire Dept					
Evaluator Signature	Evaluator Signature				

CLU N. DDO 10	D ' T I D 1	`	1 , , ,	1		
Skill No: PDO-10	Primary Task : Produce effective hand or master streams, given the sources					
Standards: 5.2.1	specified in the following list, so that the pump is safely engaged, all pressure control and vehicle safety devices are set, the rated flow of the nozzle is achieved					
NFPA 1002, 2009 Edition	and maintained, and the apparatus is continuously monitored for potential					
111111102, 2007 Edition	problems.					
Performance Outcome: The driver/operator will perform a transfer from internal tank to external source (hydrant)						
Equipment Required: Fire department pumper, hydrant and all equipment needed to make the connection						
Task Steps				Pass	Fail	
1. Signal to have hydrant opened (eva	luator will open hydrant)					
2. Maintain constant discharge pressu	re					
♦3. Reset pressure control device						
4. Fill apparatus booster tank						
5. Close tank to pump						
<i>♦ Critical Step</i> - Failure on this step	Total steps candidate	4	TOTALS			
mandates failure on the entire	must complete to pass:	4	TOTALS			
objective!						
Test Date						
Candidate		S#				
Candidate's Fire Dept.						
Evaluator Signature						

Skill No: PDO-11	Primary Task: Produce et						
Standards: 5.2.1		specified in the following list, so that the pump is safely engaged, all pressure control and vehicle safety devices are set, the rated flow of the nozzle is achieved					
NFPA 1002, 2009 Edition	and maintained, and the apparatus is continuously monitored for potential						
Powformance Outcome: The fire of	problems. Performance Outcome: The fire apparatus driver/operator, given a fire department pumper, shall demonstrate pump						
operations for a supplying multiple ho		n a me de	partment pumper,	snan deme	onstrate pump		
operations for a supprying multiple nose times.							
Driver/operator is operating off a pres	surized water source with attac	k line flow	ing				
. Hose-line number 2. The driver/opera	tor given additional	inches hos	e-lines fe	eet in lengtl	n inch		
nozzle, and a master stream device m							
			<u> </u>				
Equipment Required: Fire departme	<u> </u>	ipment nee	ded		T 11		
	Task Steps			Pass	Fail		
1. Identify static pressure	_ psi.						
2. Place the transfer valve in pressure/	volume (if applicable)						
3. Maintain correct pump discharge pr	ressure (hose-line #1)						
4. Adjust throttle to correct pump disc	harge pressure (hose-line #2) (master strea	am device)				
5. Adjust throttle to correct pump disc	harge pressure (hose-line #3) t	o master str	eam device				
♦6. Set pressure control device							
7. Identify residual pressure	psi						
8. Monitor system for overheating							
9. Operate auxiliary cooling systems (if applicable)						
10. Identify the number of equal lines	or additional gpm that could b	e added					
11. Identify possible problems that ma	y occur if residual pressure dro	ops below 2	0 psi				
12. Identify action to be taken							
13. Demonstrate shut down procedure	S						
◆ Critical Step - Failure on this step Total steps candidate 10 TOTALS							
mandates failure on the entire							
objective!	y .						
	Location:						
Candidate Candidate's Fire Dent		S#					
Candidate's Fire Dept Evaluator Signature							

PUMPER DRIVER/OPERATOR

		(Pl	DO)		
Skill No: PDO-12	Primary Task : Produce a foam fire stream, given foam producing equipment, so				
	that properly proportioned	foam is pro	ovided.		
Standards: 5.2.3					
NFPA 1002, 2009 Edition Performance Outcome: The driver/or	operator given form and form	nroducine	r aquinment shell a	Jamanatrata	the obility to
operate foam proportioning equipmen					
foam.	it, connect toam stream equip	nent and pi	oddec an enecuve	ine stream	supplied with
Touris.					
Equipment Required: A supply of nozzle	Class A or B type foam con-	centrate or	substitute. Inline e	ductor, fog	nozzle, foam
Task Steps					Fail
♦1. Identify type of foam producing €	equipment being utilized				
2. Prepare foam producing equipment					
3. Adjust throttle to current pump discutilized	charge pressure for foam produced	ucing equip	ment being		
♦4. Identify correct foam concentration		e determine	ed by the evaluator		
5. Produce an effective foam supplied					
♦6. Identify limitations of foam type					
♦7. Demonstrate shut down procedur					
♦8. Identify proper cleaning or flushi manufacturer's recommendations		tilized, per	the		
◆ <i>Critical Step</i> - Failure on this step mandates failure on the entire	Total steps candidate must complete to pass:	6	TOTALS		
objective!					
Test Date	Location:				
Candidate	S	S#			
Candidate's Fire Dept					
Evaluator Signature					

PUMPER DRIVER/OPERATOR (PDO)

Skill No: PDO-13	Primary Task: Supply w				that water	
Standards: 5.2.4	is supplied to the system a	it the correct	volume and pressu	ıre.		
NFPA 1002, 2009 Edition						
Performance Outcome: Supply water				em informatio	n and a fire	
department pumper, so that water is supplied to the system at the correct volume and pressure.						
Equipment Required: Fire sprinkler		oartment pun	nper	I	T	
	Task Steps			Pass	Fail	
1. Correctly hook into standpipe or spr	inkler connection					
2. Place the transfer valve in <i>volume/p</i>	ressure (if applicable)					
3. Open the correct discharge valve						
4. Adjust the throttle to the correct disc	charge pressure (prime if nece	essary)				
◆5. Set the pressure control device to t	he operating pressure					
6. Monitor system for overheating						
7. Operate auxiliary cooling systems (i	f applicable)					
◆ <i>Critical Step</i> - Failure on this step mandates failure on the entire	Total steps candidate must complete to pass:	5	TOTALS			
objective!						
Test Date						
Candidate	S	S#				
Candidate's Fire Dept Evaluator Signature						
Livardator Signature						

PUMPER DRIVER/OPERATOR (PDO)

Skill No: PDO-14	Primary Task: Pump a su				
Standards: 5.2.1 and 5.2.2	evolution the length and si so that the proper pressure				
NFPA 1002, 2009 Edition	so that the proper pressure	and now an	e provided to the r	iext pumper	in the relay.
Performance Outcome: The driver					
connected to a fire department pumpe	r, relay water use two	inch sup	oply lines	feet in le	ength to a fire
department attack pumper.					
Equipment Required: A fire departs	nent pumper, hard suction, sup	ply hose			
	Task Steps			Pass	Fail
1. Identify the source and attack pump	er				
2. Identify the minimum water level o	f the static source				
3. Identify the maximum lift at the tes	t site				
4. Identify the maximum priming time	of the source pumper				
5. Prime the pump					
6. Identify problems associated with a					
7. Communications with the attack pu	mper				
8. Open the correct discharge valve					
9. Adjust the throttle to the correct dis	charge pressureps	Si			
♦10. Set pressure control device					
11. Maintain pump prime without flow					
12. Monitor systems for overheating.		m if needed			
13. Demonstrate shut down procedure	S				
10.00	T-4-1-4				
◆ <i>Critical Step</i> - Failure on this step mandates failure on the entire	Total steps candidate must complete to pass:	10	TOTALS		
objective!	must complete to pass.				
Test Date					
Candidate		S#			
Candidate's Fire Dept Evaluator Signature					
Evaluator Signature					

PUMPER DRIVER/OPERATOR (PDO)

Standards: 5.2.1 NFPA 1002, 2009 Edition Performance Outcome: The driver/operator, given a fire department pumper, shall demonstrate the procedure for restoring the pumper to service Equipment Required: Fire department pumper Task Steps Pass Fail ◆ 1. Ensure that the apparatus water tank is full 2. Reset pressure control devices
NFPA 1002, 2009 Edition Performance Outcome: The driver/operator, given a fire department pumper, shall demonstrate the procedure for restoring the pumper to service Equipment Required: Fire department pumper Task Steps Pass Fail ◆1. Ensure that the apparatus water tank is full
the pumper to service Equipment Required: Fire department pumper Task Steps Pass Fail ◆1. Ensure that the apparatus water tank is full
Equipment Required: Fire department pumper Task Steps Pass Fail ◆1. Ensure that the apparatus water tank is full
Task Steps Pass Fail ♦1. Ensure that the apparatus water tank is full
♦1. Ensure that the apparatus water tank is full
2. Reset pressure control devices
3. Shift the transmission into neutral, allowing it to return to idle speed before disengaging the the pump shift switch
4. Open the pump drain (if applicable)
5. Load and secure all equipment
6. Secure compartment doors
◆ Critical Step - Failure on this step mandates failure on the entire Total steps candidate must complete to pass: 5 TOTALS
objective!
Test DateLocation:
Candidate SS# SS# SS# SS# SS# SS# SS# SS# SS# SS
Evaluator Signature

FIRE APPARATUS OPERATOR

FIRE APPARATUS OPERATOR

			(FAO))		
Skill No. FAO-1	\mathcal{J}					
Standard, 421	,	following list given a fire department aerial apparatus and its manufacturer's specifications,				
Standard: 4.2.1 NFPA 1002 2009 Edition	so that th	e operational status of the	pumper 1s ver	111ed		
Performance Outcome: Th	ie ability to	use hand tools, recognize	system proble	ems and correct any	v deficiency	noted
according to policies and pro	•		T · · ·		,	
Equipment Required: A fire		nt aerial apparatus, the app	ropriate equip	pment to complete	the assigned	task and
appropriate department forms Task Steps					Pass	Fail
		Task Steps			1 455	Tan
1. Batteries						
2. Braking system						
3. Coolant system						
4. Electrical system						
5. Fuel						
6. Hydraulic fluid						
7. Oil						
8. Tires						
9. Steering system						
10. Belts						
11. Tools, appliances and equ	uipment					
12. Stabilizing systems						
13. Inspect turntable assembl	ly					
14. Inspect aerial device com	munication	n system				
15. Inspect aerial device exte	ension/retra	cting system				
16. Inspect elevation/lifting of	cylinders					
17. Inspect the aerial ladder s	sections (fl	y, mid(s)) base				
18. Inspect aerial waterway a	and nozzle	position				
19. Inspect equipment attache	ed to any p	ortion of the aerial device	or ladder sect	ions		
♦20. The candidate shall wear	ar eye prote	ection while performing thi	s test			
◆ Critical Step - Failure on the	nis step	Total steps candidate	14	TOTALS		
mandates		must complete to pass:				
failure on the entire objectiv						
Test Date		Location:				
			_SS#			
Candidate's Fire Dept.						
Evaluator Signature(s)						

FIRE APPARATUS OPERATOR

Skill No. FAO-2	Primary Task: The fi						
Standard: 4.3.1	OR pumper apparatus, to be driven.	snall demon	istrate the ability	to prepare the ae	riai apparatus		
NFPA 1002 2009 Edition	to be driven.						
Performance Outcome: Preliminary apparatus inspection							
Equipment Required : Fire departme	nt aerial apparatus Task Steps			Pass	Fail		
	Task Steps			rass	ran		
1. Check and adjust the driver's seat							
2. Check and adjust the vehicle's mir							
◆3. Fasten seatbelts PRIOR to placing							
◆4. Verify that ALL occupants are se	ated and seatbelts fastened	prior to plac	ing the aerial				
apparatus in motion							
◆ Critical Step - Failure on this step	Total steps candidate	3	TOTALS				
mandates failure on the entire	must complete to pass:						
Objective Test Date	Location						
Candidate		 SS#					
Candidata'a Eina Dant							
Evaluator Signature(s)							

FIRE APPARATUS OPERATOR

(FAO)						
Skill No. FAO-3	Primary Task : Operate a fire department aerial OR pumper apparatus over a					
	predetermined route or	predetermined route on a public way that incorporates the maneuvers and features				
Standard: 4.3.1	specified in the list in 4	specified in the list in 4.3.1 so that the vehicle is safely operated in compliance				
NFPA 1002 2009 Edition	with all applicable state	with all applicable state and local laws, department rules and regulations, and the				
		requirements of NFPA 1500. Standard on Fire Department Occupational Safety				
		and Health Programs. Section 4.2				
Performance Outcome: The candida				agrial apparatu	c on a	
predetermined route provided by the h		task oper	ating the department	acriai apparatu	s on a	
predetermined route provided by the r	iost me department.					
E . 4D . LACIL	1.6' 1					
Equipment Required: A fully-equip		pparatus		Τ_	T	
	Task Steps			Pass	Fail	
1. Four left turns						
2. Four right turns						
3. A straight section of urban business	s atmost on a tyric land minol n	and at lac	act and			
mile in length	s street of a two-falle fural f	oau at iea	ist one			
4. One through intersection and two in	ntersections where a stop ha	as to be m	nade			
5. One railroad crossing						
6. One curve, either left or right						
7. A section of limited-access highwa			entrance			
and exit and a section of road lor			and buolsing			
8. A down-grade steep enough and los						
9. An upgrade steep enough and long speed		nging to 1	naintain			
10. One underpass or a low clearance	or bridge					
◆ <i>Critical Step</i> - Failure on this step	Total steps candidate	7	TOTALS			
mandates failure on the entire	must complete to pass:					
objective						
Test Date	Location:					
Candidate	S	SS#				
Candidate's Fire Dept						
Evaluator Signature(s)						

FIRE APPARATUS OPERATOR

Skill No. FAO-4	Primary Task: Perfor	m the practi	cal driving exercis	ses specified in 4	3.2	
		through 4.3.5 given a fire department aerial OR pumper apparatus and a spotter				
Standard: 4.3.2	<u> </u>	for backing so that each exercise is performed safely without, striking the vehicle				
NFPA 1002 2009 Edition	or any obstructions	1	1 1 1 1 1 1	11.6.11	6.1 1:1	
Performance Outcome: Back a vehic						
given a fire department aerial apparatuleft hand turns from the roadway, so t						
forward and without striking any obsti		viuiiii tiie ie	stricted area, with	out having to so	op and/or pun	
Torward and without striking any obsti	detions					
Equipment Required: A fire departm	ent aerial apparatus					
	Task Steps			Pass	Fail	
1. Back the aerial apparatus into restric	cted space on the right side	without ha	ving to			
stop and/or pull forward and with						
2. Back the aerial apparatus into restric	•		ing to			
stop and/or pull forward and with	<u> </u>					
3. Do not allow the aerial apparatus to	leave the course boundaries	es				
♦4. Fasten seatbelts PRIOR to placing	the aerial apparatus in mo	tion				
◆5. Verify that ALL occupants are sea	ted and seathelts fastened	nrior to plac	ing the			
aerial apparatus in motion	ica ana scatocits fasterica	prior to piac	ing the			
♦6. Properly deploys a spotter during	the backing process					
Alley Dock Exercise						
12.2 m						
(40 ft)	4	-				
			6.1 m			
	3.7 m (1	2 ft)	(20 ft)			
Forward —	Backward — — —					
◆ <i>Critical Step</i> - Failure on this step	Total steps candidate	5	TOTALE			
mandates failure on the entire	must complete to pass:	5	TOTALS			
objective!	must complete to puss.					
Test Date	Location:					
Candidate		SS#:				
Candidate's Fire Dept.						
Evaluator Signature(s)						

ON FIREFIGHTING FIRE APPARATUS OPERATOR (FAO)

	T .		(1110)			
Skill No. FAO-5	Primary Task : Perform the practical driving exercises specified in 4.3.2 through					
	4.3.5 given a fie department pumper OR aerial apparatus and a spotter for backing					
Standard: 4.3.3	so that each exercise is p	so that each exercise is performed safely without striking the vehicle or any				
NFPA 1002 2009 Edition	obstructions		·		•	
Performance Outcome: Maneuver a	fire department aerial apr	paratus aroun	d obstructions on	a roadway wh	ile moving	
forward and in reverse, given a fire de						
vehicle is maneuvered through the obs						
any obstructions	tacle without stopping and	u/or changing	g the direction of the	aver and with	out surking	
any obstructions						
Equipment Degrined: A fully equipme	d fine demonstrate conicl on					
Equipment Required : A fully-equippe		paratus			T	
	Task Steps			Pass	Fail	
1. Maneuver the aerial apparatus forwar	d around obstructions with	nout stonning				
and/or changing direction of travel						
2. Maneuver the aerial apparatus in reve	<u> </u>		1 α			
* *			ıg			
and/or changing direction of travel	<u> </u>					
3. Do not allow the aerial apparatus to le	eave the course boundaries	3				
♦4. Fasten seatbelt PRIOR to placing the	e aerial apparatus in motio	าท				
♦5. Verify that ALL occupants are seate	d and seatbelts fastened pr	rior to placing	9			
the aerial apparatus in motion						
♦ 6. Properly deploys a spotter during the	e backing process					
Fo	orward travel ———					
Bac	kward travel — — —					
< A →						
$\langle \rangle$ \otimes 1 \times \otimes 2 \times	⊗3 >	→				
	` `					
*		_				
A: 9 m to 12 m (30 ft to 38 ft) based on	vehicle wheel base					
,						
◆ Critical Step - Failure on this	Total steps candidate	5	TOTALS			
-	nust complete to	-				
1	eass:					
Test Date		SS#				
Candidate						
Candidate's Fire Dept.						
Evaluator Signature(s)						

FIRE APPARATUS OPERATOR

Skill No. FAO-6	Primary Task : Perform the practical driving exercises specified in 4.3.2 through					
Standards 4.2.4	4.3.5 given a fire department pumper OR aerial apparatus and a spotter for backing so that each exercise is performed safely without striking the vehicle or					
Standard: 4.3.4 NFPA 1002 2009 Edition	any obstructions.					
	department vehicle 180 degrees within a confined	space given a f	ire denartment			
	rea in which the vehicle cannot perform a U-turn wit					
	without striking any obstructions within the given spa		8 of			
Equipment Required: A fully-equip						
	Task Steps	Pass	Fail			
obstructions	es within a confined space without striking					
2. Do not allow the aerial apparatus to	leave course boundaries					
♦3. Fasten seatbelt PRIOR to placing t	he aerial apparatus in motion					
◆4. Verify that ALL occupants are sea aerial apparatus in motion	ted and seatbelts fastened prior to placing the					
♦5. Properly deploys a spotter during	the backing process					
Confined Space Turn Around	30.5 m (100 tt) (100 tt) (100 tt) (12 tt) (12 tt) (12 tt)					
◆ Critical Step - Failure on this step mandates failure on the entire objective! Test Date	Total steps candidate must complete to pass: Location:	S				
Candidate	SS#					
Candidate's Fire Dept.						
Evaluator Signature(s)						

FIRE APPARATUS OPERATOR (FAO)

Skill No: FAO-7	Primary Tack: Perfo	rm the pract	tical driving evercion	ses specified in /	1 3 2 through	
SKIII NU. FAU-/	_	Primary Task : Perform the practical driving exercises specified in 4.3.2 through 4.3.5 given a fire department pumper OR aerial apparatus and a spotter for				
Standard: 4.3.5	backing, so that each exercise is performed safely without striking the vehicle or					
NFPA 1002 2009 Edition	any obstructions					
Performance Outcome : Maneuver a		in areas wi	th restricted horizo	ontal and vertice	al clearances	
given a fire department vehicle and						
horizontal and vertical clearances, so						
openings and so that no obstructions a	•	itery judges	the ability of the	venicle to pass	s unough the	
openings and so that no obstructions a	ic struck					
Equipment Required: A fully-equip		apparatus				
	Task Steps			Pass	Fail	
Maneuver the aerial apparatus forw exercise without striking any obst	•	g clearance				
2. Do not allow the aerial apparatus to		ne				
♦3. Fasten seatbelt PRIOR to placing t	the aerial apparatus in mot	ion				
◆4. Verify that ALL occupants are sea aerial apparatus in motion.	ted and seatbelts fastened	prior to plac	cing the			
♦5. Properly deploys a spotter during	the backing process					
Diminishing Clearance						
	Truck Width = Outer edge of fire to outer edge of fire					
- With	th of truck + 1 ft	Width of	truck + 2 ft			
	0 0	0	1			
Stop		Forwar	d Ctat/Furt			
at line Reverse			Start/End			
	0 0	0				
The second secon			O .			
50 ft —	75 ft —		-			
◆ Critical Step - Failure on this step	Total steps candidate	4	TOTALS			
mandates failure on the entire	must complete to pass:	•	TOTALD			
objective!						
Test Date	Location:					
Candidate		_SS#				
Evaluator Signature(s)						

FIRE APPARATUS OPERATOR (FAO)

Skill No.: FAO-8		Primary Task: Perform routine tests, inspections and servicing functions				
Standard: 6.1.1	specified in the following	specified in the following list in addition to those specified in 4.2.1				
NFPA 1002 2009 Edition						
Performance Outcome : The ability				ons in additio	n to those	
specified in 4.2.1 while following all i	nanuracture and local juriso	netions poncie	es and procedures			
Equipment Required: A fully-equip		paratus, the ap	ppropriate equipme	nt to complete	the	
assigned task and appropriate departm	Task Steps			Pass	Fail1.	
1. Cable systems (if applicable)	Тизк Веерз					
2. Aerial device hydraulic systems						
3. Slides and rollers						
4. Stabilizing systems						
5. Aerial device safety systems						
6. Breathing air systems						
7. Communication systems						
◆ Critical Step - Failure on this step	Total steps candidate	5	TOTALS			
mandate failure on the entire objective!	must complete to pass:					
Test Date	Location:					
Candidate		_SS#				
Candidate's Fire Dept Evaluator Signature(s)						
_ :						

FIRE APPARATUS OPERATOR (FAO)

Skill No.: FAO-9	Skill No.: FAO-9 Primary Task: Stabilize an aerial apparatus given a properly positioned vehicle and the manufacturer's recommendations so the power can be transferred to the				
Standard: 6.2.2 NFPA 1002 2009 Edition activate in the interference to the power can be safely deployed.					ou to the
Performance Outcome . The ability	to transfer power from the	vehicles engine	to the hydraulic sy	stem and ope	rate vehicle
stabilization devices					
Equipment Required: A fully-equip		apparatus, the ap	propriate equipme	nt to complete	e the
assigned task and appropriate departm	Task Steps			Pass	Fail
1. Ensure the apparatus placement in a		d task			
2. Set the parking brake					
3. Place transmission selector in the ap	ppropriate gear recommend	ded by the manu	ıfacturer		
4. Activate the PTO system					
5. Place the transmission selector in the for the assigned task	ne appropriate gear recomm	nended by the m	nanufacturer		
♦6. Check for overhead obstructions	and ensure proper apparatu	s placement			
♦7. Dons full personal protective equi	ipment				
◆8. Chock both in front of and behind the apparatus (based on manufactu		wheel(s) on bo	th sides of		
Check the expected travel path of the factors		ons and/or limiti	ng		
10. Check the ground surface for stabi	lity and proper conditions				
11. Deploy and properly place the stal	pilizer ground pads				
12. Properly deploy the stabilizers					
13. Raise the apparatus to its working	position, as close to level	as possible			
14. Lock the stabilizers by manufacture feature safety pins or combination		lding valves, in	terlock		
A Critical Star. Ecilore on this star	Total steps candidate	10	TOTALC		
◆ <i>Critical Step</i> - Failure on this step mandates failure on the entire	must complete to pass:	10	TOTALS		
objective!	Y				
Test DateCandidate		 SS#			
CandidateSS#SS#					
Evaluator Signature(s)					

FIRE APPARATUS OPERATOR (FAO)

Skill No. FAO-10	Primary Task : Maneuver and position the aerial device from each control station,				
		given an incident location, a situation description, and an assignment, so that the			
Standard: 6.2.3	aerial device is proper	ly positioned to	safely accomplish	the assignmen	t
NFPA 1002 2009 Edition	<u> </u>		10: 11		
Performance Outcome : The ability			•		•
unlock, retract, lower and bed the ae					
device to perform window ventilation				floor of	a multiple
story building on the side.	The wind is out of the	at	_ mpn.		
Equipment Required: A fully-equi	and fine deportment con	iol apparatus t	ha annuaniata as	winmont to ac	
assigned task and appropriate departm		iai apparatus, ti	не арргориате еф	uipinent to co	implete the
assigned task and appropriate departing	Task Steps			Pass	Fail
				1 433	ran
1. Ensure all safety devices are in plac	e and are properly used by	the operator			
♦2. Check the intended path of the aer		s (overhead, lado	ler cradle,		
cabinetry, accessories, personnel, e		1			
3. Elevate the aerial device in a safe, s		•			
engine speed for the application to 4. Rotate the aerial device in a safe, sn					
speed for the application until the		_	0		
(to the upwind side)	ip of the device is infine v	vitii tiie iiiteiided	i target		
5. Extend the aerial device in a safe, si	mooth afficient operation	using the correc	t angina		
speed for the application slightly a		using the correc	t engine		
6. Lower the aerial device to the object		indow)			
7. Align aerial device ladder rungs					
8. Refers to aerial load chart for prope	r ladder and tip loads				
9. Clears firefighters to safely climb th	e aerial ladder				
◆ Critical Step - Failure on this step	Total steps candidate	7	TOTALS		
mandates failure on the entire	must complete to pass:	'	IOIALS		
objective.					
Test Date	Location:				
Candidate		_SS#			
Candidate's Fire Dept					
Evaluator Signature(s)					

FIRE APPARATUS OPERATOR

			(FAU)		
Skill No. FAO-11	Primary Task: After	raising aerial in	accordance with 6.	2.3, firefighter	will lower
	aerial, using the emerg	gency operating	system, so that the	aerial is lower	ed to its
Standards: 6.2.4	bedded position.				
NFPA 1002 2009 Edition					
Performance Outcome : The ability					
bedded position using the emergency		erator will adhe	re to the manufactu	res guidelines	and adhere
to all departmental policies and proced	dures				
Equipment Required : A fully-equi		ial apparatus,	the appropriate equ	ipment to co	emplete the
assigned task and appropriate departm					T
	Task Steps			Pass	Fail
1. Ensure all safety devices are in place	e and are properly used by	the operator			
♦2. Check the intended path of the ae	rial device for obstructions	(overhead, lad	der cradle,		
cabinetry, accessories, personnel,		,	,		
3. Elevate the aerial device in a safe, s		using the corre	ect		
engine speed for the application to	•	0			
4. Rotate the aerial device in a safe, si					
speed for the application until the					
(to the upwind side)	•		· ·		
5. Extended the aerial device in a safe	, smooth, efficient operation	on using the cor	rect		
engine speed for the application s	lightly above the intended	target			
6. Lower the aerial device to the object	tive (slightly above the wi	ndow)			
7. Align aerial device ladder rungs					
8. Refers to aerial load chart for prope	r ladder and tip loads				
9. Lowers aerial to bedded position us	ing emergency operating s	systems			
◆ <i>Critical Step</i> - Failure on this step	Total steps candidate	7	TOTALC		
mandates failure on the entire	must complete to pass:	7	TOTALS		
objective!	must complete to pass.				
Test Date	Location				
Condidata		SS#			
Candidate's Fire Dept.		55#			
Evaluator Signature(s)					

FIRE APPARATUS OPERATOR

Skill No: FAO-12 Standards: 6.2.5		Primary Task : Deploy and operate an elevated master stream, given a master stream device and a desired flow, so that the stream in effective and the device is operated safely			
NFPA 1002 2009 Edition					
Performance Outcome : The ability remotely during a fire attack	to connect a water supply	to a master st	ream device and c	ontrol an elev	ated nozzle
Equipment Required: A fully-equi		al apparatus, t	the appropriate eq	uipment to co	omplete the
assigned task and appropriate departm				T	T
	Task Steps			Pass	Fail
1. Ensure all safety devices are in place	e and are properly used by	the operator			
◆2. Check the intended path of the aecabinetry, accessories, personnel,		(overhead, lad	der cradle,		
3. Elevate the aerial device in a safe, s	•	•			
engine speed for the application to					
4. Rotate the aerial device in a safe, sr					
speed for the application until the	•				
5. Extended the aerial device in a safe engine speed for the application s			rect		
6. Position proper nozzle placement for			n)		
7. Adjust nozzle angle for the assigned	l task (inside window towa	rd ceiling)			
8. Notifies engineer to turn off water t	o aerial ladder				
9. Returns the nozzle to proper position	n for storage				
10. Retract, rotate and lower aerial dev	vice				
11. Properly bed the aerial device					
12. Close water supply and disconnect	water supply from the fire	apparatus			
13. Opens waterway drain and drains Ladder	waterway pipe completely	prior to reposit	ioning the		
◆ Critical Step - Failure on this step	Total steps candidate	10	TOTALS		
mandates failure on the entire	must complete to pass:				
objective!	•				
Test Date	Location:				
Candidate Candidate's Fire Port		_SS#			
Candidate's Fire Dept Evaluator Signature					
Evaluator Signature					

FIRE APPARATUS OPERATOR (FAO)

Skill No: FAO-13	Primary Task: Deploy and operate an elevated mass	•			
Standards (25	stream device and a desired flow, so that the stream is	effective and t	he device is		
Standards: 6.2.5 NFPA 1002, 2009	operated safely				
,	connect a water supply to a master stream device and	control an elev	zated nozzle		
-	itus operator will first explain and demonstrate the prop				
	ter connecting an adequate water supply, the aerial ope				
	rial device and position the waterway to flow				
	floor window on theside of the building				
	ust calculate and flow the correct pump pressure for the s				
Equipment Required : A fully-equipper assigned task and access to department p	ed fire department aerial apparatus, the appropriate edolicies and procedures	quipment to c	omplete the		
	Task Steps	Pass	Fail		
Connect an adequate water supply to t manufacturer's specifications)	he proper water inlet (as per department SOPs and				
2. Ensure all safety devices are in place	and are properly used by the operator				
cabinetry, accessories, personnel, etc					
4. Elevate the aerial device in a safe, smo for the application to the desired height	ooth, efficient operation using the correct engine speed				
	oth, efficient operation using the correct engine speed				
	e device is in line with the intended target				
6. Extend the aerial device in a safe, smooth, efficient operation using the correct engine speed					
for the application slightly above the intended target					
7. Position proper nozzle placement for t	he assigned task (straight stream pattern)				
8. Adjust nozzle angle for the assigned to	ask (inside window toward ceiling)				
9. Refers to aerial load chart for proper la	adder and tip loads				
device and waterway	valve with minimal stress and movement of the aerial				
11. Discharges the correct gpm for the as	ssigned task at psi pump pressure				
12. Smoothly closes the waterway discha aerial device and waterway	arge valve with minimal stress and movement of the				
13. Disengages pump					
14. Close water supply and disconnect w	ater supply from fire apparatus				
Skills Con	tinued On Next Page				

SKILL FA0-13 CONTINUED

15. Opens waterway drain and drains	waterway pipe completely prior	to reposition	ning the ladder	
16. Returns the nozzle to proper posit	ion for storage			
17. Retract, rotate and lower aerial de	vice			
18. Properly bed the aerial device				
A Cuiting! Ston Enilyme on this ston	Total stone aandidata must	10	TOTALC	
◆ <i>Critical Step</i> - Failure on this step mandates failure on the entire	Total steps candidate must complete to pass:	13	TOTALS	
objective!				
Test DateCandidate	Location: SS#	<u>_</u>		
Candidate's Fire Dept				
Evaluator Signature(S)				

FIRE APPARATUS OPERATOR (FAO)

Skill No: FAO-14	Primary Task: Deplo				
	stream device and a de operated safely	esired flow, so th	iai ilie sireaili is ei	iective and	the device is
Standards: 6.2.5	operated safety				
NFPA 1002 2009					
Performance Outcome : The ability	to connect a water supply	to a master str	eam device and c	ontrol an e	levated nozzle
manually or remotely. The aerial app	aratus operator will first e	explain and dem	nonstrate the prope	er procedure	es to manually
operate the nozzle on the waterway.	After connecting an adeq	uate water supp	ly, the aerial oper	ator will d	emonstrate the
proper procedures to safely raise the a	erial device and position tl	ne waterway to f	flow gpm us	sing a	_ inch smooth
bore nozzle/fog nozzle, feet in				ve firefight	ing mode. The
aerial operator must calculate and flow	v the correct pump pressur	e for the situation	on described.		
	1 01 1				
Equipment Required: A fully-equi		ial apparatus, tl	he appropriate eq	uipment to	complete the
assigned task and access to departmen	•			Ъ	
	Task Steps			Pass	Fail
1. Connect an adequate water supply t	o the proper water inlet (as	s per department	t SOPs and		
manufacturer's specifications)					
2. Ensure all safety devices are in plac	e and are properly used by	the operator			
◆3. Check the intended path of the ae		s (overhead, lado	ler cradle,		
cabinetry, accessories, personnel,					
4. Elevate the aerial device in a safe, s	_	-	ct engine speed		
for the application to the desired l					
5. Rotate the aerial device in a safe, sr	•	•	•		
for the application until the tip of					
6. Extend the aerial device in a safe, s		using the correc	t engine speed		
for the application slightly above 7. Position proper nozzle placement for		fog nettern)			
7. Fosition proper nozzie placement ic	of the assigned task (wide h	log pattern)			
8. Adjust nozzle angle for the assigned	d task (between windows)				
9. Refers to aerial load chart for prope	r ladder and tip loads				
10. Smoothly opens waterway dischar	ge valve with minimal stre	ess and moveme	nt of the aerial		
device and waterway	80 (411) (41)		01 0110 0001101		
11. Discharges the correct gpm for the	assigned task at	_ psi pump press	sure		
◆ Critical Step - Failure on this step	Total steps candidate	8	TOTALS		
mandates failure on the entire	must complete to pass:	0	TOTALS		
objective!					
Test Date	Location:				
Candidate		SS#			
Candidate's Fire Dept					
Evaluator Signature(s)					

FIRE APPARATUS OPERATOR

	(FAO)				
Skill No. FAO-15	stream device and a de	Primary Task : Deploy and operate an elevated master stream, given a master stream device and a desired flow, so that the stream is effective and the device is			
Standard: 6.2.5	operated safely	operated safely			
NFPA 1002 2009 Edition					
Performance Outcome : The ability					
manually or remotely. The aerial app					
operate the nozzle on the waterway.				operator will de	emonstrate the
proper procedures to safely raise the a	erial device and position th	ie waterway.			
Equipment Required : A fully equi assigned task and access to departmen		ial apparatus	s, the appropriate	equipment to	complete the
	Task Steps			Pass	Fail
1. Connect an adequate water supply t	o the proper water inlet				
2. Ensure all safety devices are in place	ce and are properly used by	the operato	r		
◆3. Check the intended path of the accradle, cabinetry, accessories, per		s (overhead,	ladder		
4. Elevate the aerial device in a safe,		using the co	orrect		
engine speed for the application i					
5. Rotate the aerial device in a safe, sn	<u> </u>		-		
engine speed for the application u					
target					
6. Extend the aerial device in a safe, s		•	rrect		
engine speed for the application 7. Position proper nozzle placement f					
* * *					
8. Adjust nozzle angle for the assigned					
9. Refers to aerial load chart for prope	er ladder and tip loads				
◆ <i>Critical Step</i> - Failure on this step	Total steps candidate	7	TOTALS		
mandates failure on the entire	must complete to pass:				
objective	_				
Test Date					
Candidate		SS#			
Candidate's Fire Dept.					
Evaluator Signature(s)					

FIRE APPARATUS OPERATOR (FAO)

Skill No. FAO-16	Primary Task: Deploy	•			•
Standard: 6.2.5	capable master stream of the device is operated sa		a desired flow so t	nat tne stream	is effective and
NFPA 1002 2009 Edition	the device is operated s	arcry			
Performance Outcome : The ability	to supply foam to a master	stream dev	vice and control ar	n elevated noz	zle manually or
remotely. The candidate shall demo					
equipment and produce an effective el				•	
Equipment Required: A fully-equassigned task and access to department		al apparati	us, the appropriate	e equipment t	o complete the
	Task Steps			Pass	Fail
1. Ensure all safety devices are in place	ee and are properly used by	the operato	r		
◆2. Check the intended path of the accabinetry, accessories, personnel		(overhead,	, ladder cradle,		
3. Elevate the aerial device in a safe, speed for the application to the d		•	orrect engine		
4. Rotate the aerial device in a safe, sr	<u> </u>		rrect engine		
speed for the application until the					
5. Extend the aerial device in a safe, s	smooth, efficient operation u		~		
speed for the application slightly					
6. Position proper nozzle placement f	or the assigned task (wide f	og pattern)			
◆7. Identify type of foam-producing €	equipment being utilized				
8. Prepare foam-producing equipmen	t for operation				
9. Adjust throttle to correct pump disc Utilized					
♦10. Identify correct foam concentrati Evaluator	on for a specific type fire, to	be determ	nined by the		
11. Produce an effective foam-supplied	ed fire stream				
♦12. Identify limitations of foam type	being utilized				
♦13. Demonstrate shut down procedur	res				
♦14. Identify proper cleaning or flushing manufacturer's recommendation		nt utilized,	per the		
	7D 4 1 4 31 1				
◆ <i>Critical Step</i> - Failure on this step mandates failure on the entire objective	Total steps candidate must complete to pass:	10	TOTALS		
Test Date	Location:				
Candidate		S#			
Candidate's Fire Dept.					
Evaluator Signature(s)					

FIRE APPARATUS OPERATOR

			(FAO)		
Skill No. FAO-17			operate an elevat		
	aerial device, a maste				
Standard: 6.2.5	effective and the aeri	al and mast	er stream devices	s are operated o	correctly.
NFPA 1002 2009 Edition					l am alamatad
Performance Outcome: – The ability nozzle manually or remotely.	ity to connect a water su	ippiy to a n	naster stream dev	vice and contro	an elevated
nozzie manually of Temotery.					
Equipment Required: A fully-equ	inned fire department ae	rial apparati	is the appropriate	e equipment to	complete the
assigned task and access to departmen		THE HPPHIM	as, and appropriate	e equipment to	complete the
1	E MUST COMPLE	TE EITH	HER TASK 1	OR TASK 2	2
	Task Steps		1110111	Pass	Fail
AERIAL LADDERS WITH		DER PIPE	NOZZLE		
1. Position the Apparatus					
2. Transfer power from the drive train	to the aerial device hydra	ulic system.			
◆3. Set the stabilizers					
4. Prepare the ladder pipe for attachm		,	P 11		
b. Fog Nozzle: Set for appro		. .			
c. Solid Stream Nozzle: Plac	ce appropriate nozzie tip of	n end of noz	zie.		
◆5. Attach the ladder pipe and hose to	the aerial ladder.				
◆6. Attach supply hose to aerial ladde		antom of the	laddan and		
lashing the hose to the ladder once	•		laddel alld		
7. Attach a siamese appliance to the	•		ipply hose.		
		page page	"pp1) 1100 0 .		
8. Attach a supply hose to the siamese					
9. Raise the aerial ladder to the des	sired operational position	n.			
10. Engage the aerial ladder locks	(If present).				
11. Check the ladder pipe controls.					
12. Charge the ladder pipe supply	hose and operate the fire	e stream.			
a. Fog Nozzle: 80 psi (560	0 kPa)				
b. Solid Stream Nozzle: 10	00 psi (700 kPa)				
13. Correctly demonstrate how to a	nanually or remotely rot	tate the noz	zle from side to		
side.	•				
14. Correctly demonstrate how to 1	nanually or remotely rai	se and low	er the nozzle.		
15. Correctly demonstrate how to a	nanually or remotely ad	just the spr	ay pattern of		
the nozzle.					
16. Shut down the ladder pipe open	ration and stow the aeria	l device an	d all associated		
equipment.					
SKILL FAO-17 CONTI	NUED ON NEXT PAGE	WITH TA	SK 2		
◆ Critical Step - Failure on this step	Total steps candidate	12	TOTALS		
mandates failure on the entire	must complete to pass:				
objective					
Test Date					
Candidata's Fine Dant		SS#			
Candidate's Fire Dept Evaluator Signature(s)	-				
Evaluator Signature(8)					

SKILL FA0-17 CONTINUED

TASK 2 AERIAL LADDERS WITH FIXED WATERWAY SYSTEMS

	TASK STEPS			PASS	FAIL
1. Position the apparatus.					
2. Transfer power from the drive to	rain to the aerial device hydra	ulic system.		-	
◆3. Set the stabilizers					
pump intake on the aerial ap b. Pumper supplying master str medium-diameter supply hos	m from onboard water: Attack ameter supply hoses from a poparatus. eam: Attach a large-diameter ses from a pumper to the wate	h a large-dia umper or hyo supply hose	drant to the or multiple		
5. Raise the aerial ladder to the des♦6. Engage the aerial ladder locks.	sired operational position.				
7. Check the ladder pipe control ro	opes (If present).				
8. Charge the waterway and operat a. Fog Nozzle: 80 psi (560 kP b. Solid Stream Nozzle: 100 p	te the fire stream.				
9. Correctly demonstrates how to a side.		e nozzle fro	m side to		
10. Correctly demonstrates how to	manually or remotely raise ar	nd lower the	nozzle.		
11. Correctly demonstrates how to nozzle.	manually or remotely adjust	the spray pat	tern of the		
12. Shut down the waterway system and stow the aerial device and all associated equipment.					
◆ <i>Critical Step</i> - Failure on this step mandates failure on the entire	Total steps candidate must complete to pass:	9	TOTALS		
objective!					
Test Date	Location:				
	SS#				
Candidate's Fire Dept Evaluator Signature(S)					

FIRE APPARATUS OPERATOR

NFPA 1002, 2009 Edition verified.	Primary Task: Perform routine tests, inspections and servicing functions specified in the following list given a fire department pumper and its manufacturer's specifications, so that the operational status of the pumper is verified.			
according to policies and procedures. Equipment Required: A fire department pumper, the appropriate equipment to complete the assigned task and appropriate department forms Task Steps Pass Fail 1. Batteries 2. Braking System	ted			
department forms Task Steps Pass Fail 1. Batteries 2. Braking System				
department forms Task Steps Pass Fail 1. Batteries 2. Braking System	—			
Task Steps Pass Fail 1. Batteries 2. Braking System	ale			
2. Braking System				
3. Coolant System				
4. Electrical System				
5. Fuel				
6. Hydraulic Fluids				
7. Oil	_			
8. Tires				
9. Steering System				
10. Belts				
11. Tools, Appliances and Equipment				
12. Perform a routine inspection on the water tank and other extinguishing agent levels in accordance with departmental procedures and polices				
13. Perform a routine inspection on the pumping system in accordance with departmental procedures and policies				
14. Perform a routine inspection on the foam system in accordance with departmental procedures and policies				
◆15. Candidate shall wear eye protection while performing this task				
◆ Critical Step - Failure on this step Total steps candidate 11 TOTALS				
mandates failure on the entire must complete to pass:				
objective!				
Test DateLocation:SS#	—			
Candidate's Fire Dept	—			
Evaluator Signature(s)				

FIRE APPARATUS OPERATOR

Skill No: FAO-19	Primary Task : The fire a				
Standards: 5.2.1	pumper, shall demonstrate	placing the	e pump in service for	or pumping op	erations.
NFPA 1002, 2009 Edition					
Performance Outcome : The driver/o	perator shall safely and efficie	ntly comple	ete all in cab proced	lures.	
Equipment Required: Fire departme	nt pumper equipped with whe	el chocks			
	Task Steps			Pass	Fail
1. Bring the apparatus to a full stop an	d allow the engine to slow to	idle speed			
2. Shift the transmission to neutral and	l set the brake				
3. Depress the brake pedal and engage	the pump shift switch and loc	ck			
4. Shift the transmission into pump ge	ar				
♦5. Properly position wheel chocks					
6. Open water tank to pump valve					
7. Describe manual pump engagement	procedures				
◆ Critical Step - Failure on this step	Total steps candidate	6	TOTALS		
mandates failure on the entire objective!	must complete to pass:				
Test Date					
Candidate		S#			
Candidate's Fire Dept Evaluator Signature					

FIRE APPARATUS OPERATOR (FAO)

Skill No: FAO-20 Standards: 5.2.1 NFPA 1002, 2009 Edition	Primary Task : Produce effective hand or master streams, given the sources specified in the following list, so that the pump is safely engaged, all pressure control and vehicle safety devices are set, the rated flow of the nozzle is achieved and maintained, and the apparatus is continuously monitored for potential problems.					
Performance Outcome: The fire apparatus driver/operator, given a fire department pumper, shall demonstrate pump operations (from the internal tank) for supplying a pre-connected attack line, given one inch attack line feet in length with a nozzle being will produce an effective fire stream and calculate the correct discharge pressure						
Equipment Required: Fire department pumper and equipment determined by evaluators						
Task Steps					Fail	
1. Open the water tank to pump valve	fully					
2. Place the transfer valve in <i>volume/p</i>	pressure (if applicable)					
3. Open the correct discharge valve						
4. Adjust the throttle to the correct dis	scharge pressure (prime if nec	essary)				
◆5. Set the pressure control device to	the operating pressure					
6. Monitor system for overheating						
7. Operate auxiliary cooling system (i	f applicable)					
◆ <i>Critical Step</i> - Failure on this step mandates failure on the entire	Total steps candidate must complete to pass:	5	TOTALS			
objective! Test Date	I ocation:					
		S#				
Candidate's Fire Dept.						
Evaluator Signature						

FIRE APPARATUS OPERATOR (FAO)

Skill No: FAO-21	Primary Task: Produce e	ffective han	d or master streams	s, given the so	ırces	
	specified in the following	list, so that t	the pump is safely	engaged, all pr	essure	
Standards: 5.2.1		control and vehicle safety devices are set, the rated flow of the nozzle is achieved and maintained, and the apparatus is continuously monitored for potential				
NFPA 1002, 2009 Edition		and maintained, and the apparatus is continuously monitored for potential problems.				
Parformance Outcome: The driver/or		from intern	al tank to aytarnal	course (hydrer	nt)	
Performance Outcome : The driver/operator will perform a transfer from internal tank to external source (hydrant)						
Equipment Required: Fire department pumper, hydrant and all equipment needed to make the connection						
	Task Steps			Pass	Fail	
1. Signal to have hydrant opened (evaluation)	uator will open hydrant)					
2. Maintain constant discharge pressure	2					
◆3. Reset pressure control device						
4. Fill apparatus booster tank						
5. Close tank to pump						
	Total steps candidate	4	TOTALS			
	must complete to pass:					
objective!	Location					
Test Date Candidate		 S#				
Candidate's Fire Dept.		~				
Evaluator Signature						

FIRE APPARATUS OPERATOR

		(FA			
Skill No: FAO-22	Primary Task: Produce ef			•	
C4 JJ 5 2 1	specified in the following l				
Standards: 5.2.1	control and vehicle safety of				
NFPA 1002, 2009 Edition	and maintained, and the ap	paratus is co	ontinuousiy monito	ored for poter	ntiai
Performance Outcome: The fire ap	problems.	o fino dos	2004402004 1011400000	ahall damar	atuata muma
operations for a supplying multiple hos		i a ilie dej	partinent pumper,	shan demoi	istrate pump
operations for a supplying multiple nos	se illes.				
Driver/operator is operating off a press	surized water source with attac	k line flowi	ng		
			8		
Hose-line number 2. The driver/operat	or, given additional	inches hose	e-linesf	eet in length,	inch
nozzle, and a master stream device mu	st show an effective fire stream	n and calcul	late the correct pur	np discharge	pressure.
Equipment Required: Fire department		pment need	led	1	
Task Steps				Pass	Fail
1. Identify static pressure	psi.				
2. Place the transfer valve in pressure/volume (if applicable)					
3. Maintain correct pump discharge pro	essure (hose-line #1)				
4. Adjust throttle to correct pump disch	narge pressure (hose-line #2) (master strea	m device)		
5. Adjust throttle to correct pump disch	narge pressure (hose-line #3) to	master str	eam device		
♦6. Set pressure control device					
7. Identify residual pressure	psi				
8. Monitor system for overheating					
9. Operate auxiliary cooling systems (i	f applicable)				
10. Identify the number of equal lines	or additional gpm that could be	e added			
11. Identify possible problems that may	y occur if residual pressure dro	ops below 2	0 psi		
12. Identify action to be taken					
13. Demonstrate shut down procedures	3				
<i>♦ Critical Step</i> - Failure on this step	Total steps candidate	10	TOTALS		
	must complete to pass:	10	TOTALS		
objective!					
Test Date	Location:				
Candidate	SS				
Candidate's Fire Dept					
Evaluator Signature					

FIRE APPARATUS OPERATOR

Skill No: FAO-23	Primary Task: Produce a			producing e	quipment, so
Standards: 5.2.3	that properly proportioned	i ioani is pre	ovided.		
NFPA 1002, 2009 Edition					
Performance Outcome : The driver/o					
operate foam proportioning equipment foam.	t, connect foam stream equip	ment and pr	oduce an effective	fire stream	supplied with
Toam.					
Equipment Required: A supply of on nozzle	Class A or B type foam con	centrate or	substitute. Inline e	ductor, fog	nozzle, foam
HOZZIC	Task Steps			Pass	Fail
♦1. Identify type of foam producing ed	quipment being utilized				
2. Prepare foam producing equipment for operation					
3. Adjust throttle to current pump discharge pressure for foam producing equipment being Utilized					
♦4. Identify correct foam concentration for a specific type fire, to be determined by the evaluator					
5. Produce an effective foam supplied	fire stream				
♦6. Identify limitations of foam type b	eing utilized				
♦7. Demonstrate shut down procedure					
◆8. Identify proper cleaning or flushin manufacturer's recommendations	g procedures for equipment t	itilized, per	the		
<i>♦ Critical Step</i> - Failure on this step	Total steps candidate		TOTALE		
	must complete to pass:	6	TOTALS		
objective!	r ····· r····				
Test Date					
Candidate		S#			
Candidate's Fire Dept. Evaluator Signature					
Evaluator Signature					

FIRE APPARATUS OPERATOR

Skill No: FAO-24	Primary Task : Supply wa				that water
	is supplied to the system a	supplied to the system at the correct volume and pressure.			
Standards: 5.2.4					
NFPA 1002, 2009 Edition Performance Outcome: Supply water	r to fire enrinkler and standni	na cyctame	givan enacific evet	em informatio	n and a fire
department pumper, so that water is so				em miormano.	ii aiid a iiic
department pumper, so that water is so	ppined to the system at the co.	Treet volum	o una pressure.		
Equipment Required: Fire sprinkler	and standpipe system, fire dep	artment pur	mper		
	Task Steps			Pass	Fail
1. Correctly hook into standpipe or sp	rinkler connection				
2. Place the transfer valve in <i>volume/p</i>	ressure (if applicable)				
3. Open the correct discharge valve					
4. Adjust the throttle to the correct discharge pressure (prime if necessary)					
◆5. Set the pressure control device to the operating pressure					
6. Monitor system for overheating					
7. Operate auxiliary cooling systems (if applicable)				
◆ <i>Critical Step</i> - Failure on this step	Total steps candidate	5	TOTALS		
mandates failure on the entire	must complete to pass:	3	IUIALS		
objective!					
Test Date					
		S#			
Candidate's Fire Dept.					
Evaluator Signature					

FIRE APPARATUS OPERATOR

Skill No: FAO-25	Primary Task : Pump a su					
Standards: 5.2.1 and 5.2.2		evolution the length and size of the line and the desired flow and intake pressure so that the proper pressure and flow are provided to the next pumper in the relay				
NFPA 1002, 2009 Edition			•			
Performance Outcome: The driver						
connected to a fire department pumpe department attack pumper.	r, relay water use two	inch su	opry fines	leet in lei	igin to a fire	
Equipment Required: A fire departs	<u> </u>	oply hose		Dogg	Fail	
	Task Steps			Pass	rall	
1. Identify the source and attack pump						
•	2. Identify the minimum water level of the static source					
3. Identify the maximum lift at the test site						
4. Identify the maximum priming time of the source pumper						
5. Prime the pump						
6. Identify problems associated with a failure to prime the pump						
7. Communications with the attack pu	mper					
8. Open the correct discharge valve						
9. Adjust the throttle to the correct dis	charge pressurep	si				
♦10. Set pressure control device						
11. Maintain pump prime without flow interruptions to attack pumper						
12. Monitor systems for overheating.	Operate auxiliary cooling syste	em if needed				
13. Demonstrate shut down procedure	S					
		T				
◆ <i>Critical Step</i> - Failure on this step mandates failure on the entire	Total steps candidate must complete to pass:	10	TOTALS			
objective!	mast complete to pass.					
Test Date						
Candidate Candidate's Fire Dant		S#				
Candidate's Fire Dept Evaluator Signature						
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FIRE APPARATUS OPERATOR

Skill No: FAO-26	Primary Task : The fire a				
Standards: 5.2.1	pumper, shall demonstrate	pumper, shall demonstrate restoring the pump to service for pumping operations			
NFPA 1002, 2009 Edition					
Performance Outcome : The driver/o	perator, given a fire department	nt pumper, s	shall demonstrate the	ne procedure	for restoring
the pumper to service					
Equipment Required: Fire departme	nt pumper				
	Task Steps			Pass	Fail
♦1. Ensure that the apparatus water ta	nk is full				
2. Reset pressure control devices					
3. Shift the transmission into neutral, a the pump shift switch	-	ed before di	sengaging the		
4. Open the pump drain (if applicable)					
5. Load and secure all equipment					
6. Secure compartment doors					
◆ Critical Step - Failure on this step	Total steps candidate	5	TOTALS		
mandates failure on the entire	must complete to pass:				
objective!	Landing				
Test DateCandidate		S#			
Candidate's Fire Dept		~ ·· <u></u>			
Evaluator Signature					

WILDLAND FIREFIGHTER I

All equipment utilized must meet the requirements of the current editions of NFPA 1977, NFPA 1521 and all other applicable NFPA Standards.

WILDLAND FIREFIGHTER I (WFFI) (Task: Demonstrate proper use of a portable radio by transmitting and receiving

Skill No. WFF1-1	Primary Task: Demonstrate information.	proper use of a poi	table radio by trans	smitting and	receiving
Standard: 5.1.1(b) NFPA 1051, 2007 Edition	Equipment Required: a two-	-way portable or mo	obile radio		
,		J 1			
	Task Steps			Pass	Fail
1. Check antenna (if portable	e)				
2. Turn on radio					
3. Adjust squelch (if application)	ble)				
4. Adjust volume					
5. Select designated channel					
6. Place microphone 2 – 4 in					
7. Key microphone, speak di	stinctly and concisely using pro	per procedure and o	clear text		
8. Release microphone key					
A Children E il	Total store condition	•	TOTALO		
◆ <i>Critical Step</i> - Failure on the step mandates failure on the	his Total steps candidate must complete to pass:	6	TOTALS		
entire objective!	r Transit				
Test Date	Location:				7
Candidate		SS#			·
Candidate's Fire Dept					
Evaluator Signature(s)					

WILDLAND FIREFIGHTER I (WFFI)

Skill No. WFFI-2	Primary Task : Demonstrate the care, inspection, and maintenance of protective clothing					
Standard: 5.1.1, 5.3.2(a) NFPA 1051, 2007 Edition	Equipment Required: a helm gloves	net (with eye protec	etion), pants, shirt,	(or coveralls),	boots and	
	Task Steps			Pass	Fail	
1. Inspect all protective cloth	ing for damage					
2. Remove clothing from serv	vice if needed					
3. Describe proper cleaning methods (manufacturer recommended)						
4. Demonstrate where to find	manufacturer recommendation	s for care instruction	ons			
◆ <i>Critical Step</i> - Failure on the step mandates failure on the	Total steps candidate must complete to pass:	3	TOTALS			
entire objective!	mast complete to pass.					
	Location:					
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Candidate's Fire Dept						
Evaluator Signature(s)						

WILDLAND FIREFIGHTER I (WFFI)

Skill No. WFF1-3	Primary Task: Demonstrate proper wearing of personal protective equipment						
Standard: 5.1.1, 5.3.2(a)	Equipment Required: Given						
NFPA 1051, 2007 Edition	wearing pants and shirt or cove Task Steps	eralls with proper i	cootwear prior to de	monstrating th	18 SK1ll) Fail		
♦1. Don helmet with chinstra	p, eye protection, hearing protec	tion					
◆2. Don gloves							
◆3. Don equipment belt with:	fire shelter, canteen						
4. Don shroud, if available	<u>·</u>						
◆ Critical Step - Failure on the	Total steps candidate must complete to pass:	3	TOTALS				
step mandates failure on the entire objective!	must complete to pass:						
Test Date	Location:						
Candidate's Fire Dept							
Evaluator Signature(s)							

Skill No. WFFI-4	Primary Task : Demonstrate I headlamp	now to assemble, a	ttach to hard hat, a	nd field mainta	nin a
Standard: 5.3.2					
NFPA 1051, 2007 Edition	Equipment Required: a helm	et and headlamp			
	Task Steps			Pass	Fail
1. Check for batteries					
2. Check for non-conducting	strip between batteries, remove	if necessary (if app	olicable)		
3. Demonstrate how to change	e batteries				
4. Demonstrate how to chang					
5. Demonstrate how to focus	beam (if applicable)				
6. Attach lamp to helmet					
◆ Critical Step - Failure on the		5	TOTALS		
step mandates failure on the entire objective!	must complete to pass:				
Test Date	Location:				
Candidate	2000001	SS#			
Candidate's Fire Dept					
Evaluator Signature(s)					

Skill No. WFF1-5	Primary Task: Demonstrate a	action to be taken d	uring and after an a	air retardant di	op
Standard: 5.1.1, 5.5.3					
NFPA 1051, 2007 Edition Equipment Required: a scenario, personnel protective equipment and hand tools					
, , , , , , , , , , , , , , , , , , ,	Task Steps		1 P	Pass	Fail
1. Verify escape from drop zo	one is not possible				
♦2. Get clear of dead snags, t	ops and limbs				
3. Lie face down with head to	owards oncoming aircraft, hardl	nat on, feet squared			
♦4. Eye protection and chin s	trap secure				
5. Hold hand tool away from	body				
♦6. Describe three (3) post-di	rop safety concerns				
◆ Critical Step - Failure on the		5	TOTALS		
step mandates failure on the	must complete to pass:	•			
entire objective!					
	Location:				
		SS#			
Candidate's Fire Dept Evaluator Signature(s)					
Livaruator Signature(s)					

Skill No. WFFI-6 Primary Task: Demonstrate proper deployment of a fire shelter									
Standard: 5.1.1(a) (b) NFPA 1051, 2007 Edition									
,	Task Steps			Pass	Fail				
The following criteria must	be verbalized or done prior to	o deployment of sl	nelter						
♦1 Full PPE is properly worn									
◆2. Remain calm									
♦3. Verify that escape routes	to safety zones are not possible								
♦4. Pick a large clearing									
♦5. Find a bare spot, avoid he	eavy fuels and snags								
♦6. If time permits, scrape aw mineral soil	vay flammable litter or clear an	area 4 X 8 feet (min	nimum) down to						
	ols well away from your fire she	elter							
♦8. Toss fuses and gasoline fa	ar from the deployment area								
♦9. Shake out and open folds	S								
♦10. Take canteen into shelte	r								
♦11. Step into shelter holding body parts may be outside	bottom flaps down with feet ar	nd top flaps with gl	oved hands (no						
	e toward oncoming flame front								
♦13. Fall to the ground face f	orward trapping as much clean	air as possible							
♦14. Protect airways and lung	gs								
♦15. Stay in shelter until you you it's safe to come out	notice temperatures have coole	d significantly or a	supervisor tells						
G 11 1 G 5 H	. 77 / 1 / 191 /								
◆ <i>Critical Step</i> - Failure on the step mandates failure on the	Total steps candidate must complete to pass:	15	TOTALS						
entire objective!	must complete to pass.								
Test Date_	Location:								
Candidate	Location	SS#							
Candidate's Fire Dept.		55"							
Evaluator Signature(s)			· · · · · · · · · · · · · · · · · · ·						

Skill No. WFFI-7 Primary Task: Demonstrate techniques for inspecting, maintaining and sharpening has been been been been been been been bee								
Standard: 5.3.3(b)	tools							
NFPA 1051, 2007 Edition	Equipment Required : P.P.E. and one of the following fire-line tools: McLend or Pulaski or shovel and a file with handle and guard							
	Task Steps	na guara		Pass	Fail			
♦1. PPE is properly worn								
◆2. Eye protection is worn								
♦3. Gloves are worn								
4. Describe at least three (3)	items to inspect to ensure tools a	re in safe working	condition					
5. File handle is used								
6. File guard is used								
7. Tools are safely secured for	or sharpening							
8. Clearance maintained arou	and the working area							
9. Flat palm used against file								
◆ Critical Step - Failure on the		7	TOTALS					
step mandates failure on the entire objective!	must complete to pass:							
Test Date	Location:							
Candidate		SS#						
Candidate's Fire Dept								
Evaluator Signature(s)								

Skill No. WFFI-8	Primary Task: Demonstrate 1 A: Single section drain and		line hose using the gure 8 technique	following met	hods:
Standard: 5.3.4(b)					
NFPA 1051, 2007 Edition	Equipment Required: P.P.E.	, length of 1" or 1	½ inch hose, (Minin		Fail
	Task Steps			Pass	ran
A: Single section drain and	carry				
1. Pick-up coupling allowing	water to drain				
2. Place coupling in front of b	oody with hose loop over should	der (or according to	dept. SOP)		
3. Layer hose on shoulder					
4. Hose controlled and secure	ed				
5. Identify and mark damaged	d hose if found				
B: Figure 8 technique					
6. Drain hose					
7. Protect hose threads					
8. Identify and mark damaged	d hose if found				
◆ <i>Critical Step</i> - Failure on the step mandates failure on the entire objective!	must complete to pass:	6	TOTALS		
Test Date	Location:	dd ₁₁			
Candidate Candidate's Fire Dept.		SS#			
Evaluator Signature(s)					

Skill No. WFFI-9 Primary Task : Demonstrate the proper procedures for carrying hand tools and passing crew members while working on a fire line						
Standard: 5.5.4						
NFPA 1051, 2007 Edition	Equipment Required : PPE an	nd hand tools				
	Task Steps			Pass	Fail	
♦1. PPE is properly worn						
2. Proper spacing is maintained	ed (10-foot minimum)					
3. Tools are carried on the do	wnhill side					
◆4. Cutting edge of tool is aw	vay from body					
5. Signal crewmember prior t	o passing					
6. Wait to be given right of w	vay					
◆ Critical Step - Failure on the		5	TOTALS			
step mandates failure on the entire objective	must complete to pass:					
Test Date						
Candidate		SS#				
Candidate's Fire Dept						
Evaluator Signature(s)						

Skill No. WFF1-10	Primary Task: Demonstrate proper procedures for passing cutting tools					
Standard: 5.5.4 Equipment Required: A scenario, PPE and hand tools NFPA 1051, 2007 Edition						
,	Task Steps			Pass	Fail	
♦1. PPE is properly worn						
2. Tool is grasped by head ar	nd neck of tool					
♦3. Tool is extended to other	firefighter, handle first					
4. Acknowledged receipt of t	cool before releasing grasp					
◆ Critical Step - Failure on the		3	TOTALS			
step mandates failure on the	must complete to pass:	•				
entire objective! Test Date	Location:					
Candidate		SS#				
Candidate's Fire Dept Evaluator Signature(s)						
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Skill No. WFFI-11 Primary Task: Demonstrate the proper use of a smothering tool							
Standard: 5.5.4(a)(b) Equipment Required: A scenario, PPE and smothering tools NFPA 1051, 2007 Edition,							
	Task Steps			Pass	Fail		
♦1. PPE is properly worn							
2. Firm grip							
3. Feet apart, solid stance							
4. Tool lightly patted or drag	ged along the fire edge						
5. Constant movement to pre	vent burning						
A C. 11 1 C4 E 11	C. Total store 323-4		TOTALO				
◆ <i>Critical Step</i> - Failure on the step mandates failure on the	nis Total steps candidate must complete to pass:	4	TOTALS				
entire objective!	musi complete to pass.						
Test Date_	Location:						
Candidate		SS#					
Candidate's Fire Dept							
Evaluator Signature(s)							

Skill No. WFFI-12	Primary Task: Demonstrate	the proper procedu	res for assembly, u	ise and main	tenance of a
Standard: 5.5.4(a)(b)	back pack pump				
NFPA 1051, 2007 Edition	Equipment Required : A disa	assembled backpack	c pump and water s	source	
	Task Steps			Pass	Fail
1. Assemble back pack pump	properly				
2. Fill with clean or strained	water				
3. Maintain proper footing an					
4. Maintain proper body posi	tion, carrying and lifting				
5. Demonstrate cleaning quic	k connect, if dirty				
6. Use both straight and spray					
7. Demonstrate clearing a clo	ogged nozzle				
◆ Critical Step - Failure on the	nis Total steps candidate	5	TOTALS		
step mandates failure on the	must complete to pass:	J	IOIALO		
entire objective!					
	Location:				
Candidate		SS#			
Candidate's Fire Dept					
Evaluator Signature(s)					

Skill No. WFFI-13 Primary Task: Simulate the proper igniting, use and extinguishment of a fuse							
Standard: 5.5.5(a)(b) NFPA 1051, 2007 Edition Equipment Required: A scenario, PPE, fuse and a cleared area							
	Task Steps			Pass	Fail		
♦1. Sleeves down, gloves on	and eye protection in place						
2. Remove the striker protect	or						
3. Expose fuse cap							
4. Place striker on igniter							
♦5. Turn face away from fuse)						
6. Simulate lighting fuse by s	harply scratching the igniter acr	oss the striker					
7. Protect from splattering sla	ng						
8. Apply flame to (simulated)) fuel						
9. Extinguish fuse by striking	sharply on ground or by placir	ng lighted end in m	ineral soil				
◆ <i>Critical Step</i> - Failure on the step mandates failure on the entire objective!	must complete to pass:	7	TOTALS				
Test Date Candidate	Location:	SS#					
Candidate's Fire Dept. Evaluator Signature(s)		55#					

		(WF	FI)		
Skill No. WFFI-14A	Primary Task: Demonstrate the proper procedures for assembling a Drip Torch				
Chandand, 5.5.5(a)(h)	A. Assemble Drip Torch				
Standard: 5.5.5(a)(b) NFPA 1051, 2007 Edition	Equipment Required: PPE, a c	drip torch in prot	er working condition	on a cleared ar	rea and rags
141111 1031, 2007 Edition	Task Steps	inp toten in proj	oci working condition	Pass	Fail
◆1. Wearing proper protective	re clothing				
2. Unscrew lock ring					
3. Unscrew and secure fuel f	low plug				
4. Remove spout and inspect	gasket, fuel and wick				
5. Set spout with wick in cor	rect position and secure lock ring				
6. Open air vent					
◆7. Wipe off spilled fuel					
♦ <i>Critical Step</i> - Failure on the step mandates	nis Total steps candidate must complete to pass:	5	TOTALS		
failure on the entire objective					
Test Date					
Candidate		SS#			
Candidate's Fire Dept					
Evaluator Signature(s)					

Skill No. WFFI-14B Standard: 5.5.5(a)(b)	Primary Task: Demonstrate the proper procedures for assembling a Drip Torch B. Mix Fuel and Fill Drip Torch						
NFPA 1051, 2007 Edition	Equipment Required : PPE, a drip torch in proper working order, proper fuels, storage containers, a cleared area and rags						
	Task Steps			Pass	Fail		
◆1. Wearing proper protectiv	e clothing						
2. Explain mixing fuel (3:1 ra	atio)						
3. Show where to fill							
4. Simulate filling of torch							
◆ Critical Step - Failure on the	nis Total steps candidate	3	TOTALS				
step mandates failure on the	must complete to pass:	J	IOTALS				
entire objective!	_						
	Location:						
Candidate Candidate's Fire Dept.		SS#					
Evaluator Signature(s)							

WILDLAND FIREFIGHTER I (WFFI) Task: Demonstrate the proper procedures for assembling a Drip Torch

Skill No. WFFI-14C	Primary Task: Demonstrate the proper procedures for assembling a Drip Torch							
Standard: 5.5.5(a)(b)	C. Storage of a Drip Torch After Use							
NFPA 1051, 2007 Edition								
,	Task Steps	1 1	<u> </u>	Pass	Fail			
♦1. Wearing proper protectiv	e clothing							
2. Let wick cool before storage	ge							
3. Remove lock ring								
4. Verify fuel level at 3/4 full								
♦5. Check all gaskets/O rings								
6. Reverse spout and put insi								
7. Replace lock ring securely	,							
8. Replace flow plug								
9. Close air breather valve								
◆ Critical Step - Failure on the		9	TOTALS					
step mandates failure on the entire objective!	must complete to pass:							
Test Date	Location:							
Candidate		SS#						
Candidate's Fire Dept								
Evaluator Signature(s)								

Skill No. WFFI-15	Primary Task : Simulate the part torch	proper procedures f	or lighting, using a	nd extinguish	ing a drip
Standard: 5.5.5(a)(b)	torch				
NFPA 1051, 2007 Edition	Equipment Required : A scen	nario, PPE, a drip to	orch in proper work		
	Task Steps			Pass	Fail
◆1. Wear full PPE					
2. Spread fuel on ground litte	er or paper				
3. Simulate igniting fuel					
	h from ignited fuels on ground				
5. Safely carry drip torch to a					
6. Simulate proper procedure					
7. Simulate extinguishing wi	ck				
<i>♦ Critical Step</i> - Failure on the	nis Total steps candidate	F	TOTALO		
step mandates failure on the	must complete to pass:	5	TOTALS		
entire objective!	Passe is passe				
	Location:				
Candidate's Fire Dept.					
Evaluator Signature(s)					

Skill No. WFF1-16A Standard: 5.5.6(a)(b),	Primary Task: Demonstrate the proper use of tools and appliances during hose lay operations Simple/Extended Hose Lay Equipment Required: A scenario to protect a structure, PPE, charged hose line, tools, appliances and 1 additional length of 1" or larger rolled hose and pump operator						
5.5.7(a)(b), NFPA 1051							
	Task Steps	<u> </u>	1	Pass	Fail		
♦1. Wear full PPE							
2. Demonstrate a simple ho	se lav						
*	<u> </u>	11 1.11	. 1 .1 .1				
and re-coupling hose	by properly clamping, crimping,	disconnecting, addi	ing length of hose				
4. Signal for water							
5. Set nozzle appropriate fo	or the situation						
6. Apply water properly							
TI J I .I .J							
◆ Critical Step - Failure on	this Total steps candidate	4	TOTALS				
step mandates	must complete to pass:	4	IUIALS				
failure on the entire objects							
· ·							
Test Date	Location:	ССП					
Candidate		SS#					
Candidate's Fire Dept							
Evaluator Signature(s)							

Skill No. WFFI-16B	Primary Task : Demonstrate the proper use of tools and appliances during hose lay							
	operations							
Standard: 5.5.6(a)(b),	Progressive Hose Lay							
5.5.7(a)(b), NFPA 1051,		Equipment Required: PPE, 1 ½" gated Wye, 1" nozzle, 1-1 ½" nozzle or cap, 1½ to 1"						
2007								
	reducer, two lengths of rolled 1	1/2" hose, leng	gth of rolled 1" hose.	Objective: I	have two			
	working nozzles.			Pass	Fail			
	Task Steps			Pass	Fall			
♦1. Wear full PPE								
2. Set up a progressive hose	lay							
3. Use fittings, appliances an	nd hose as appropriate for scenario							
4. Signal for water								
5. Set nozzle appropriate for	the situation							
6. Apply water properly								
◆ Critical Step - Failure on t		5	TOTALS					
step mandates failure on the	must complete to pass:							
entire objective!								
	Location:							
		SS#						
Candidate's Fire Dept								
Evaluator Signature(s)								

WILDLAND FIREFIGHTER I (WFFI) The proper use of hand tools while building a fire cont

Standard: 5.5.4(a)(b)	Equipment Required: A scena	rio, PPE, and too	ols: shovel or McLe	od or Pulaski o	or Com
NFPA 1051, 2007 Edition	Task Steps			Pass	Fail
▶1. Wear full PPE	1 ask steps			1 433	ı alı
2. Select the proper tool for a	ssignment				
3. Inspect the tool before use					
4. Determine if the tool may l	be used safely				
5. Construct suppression line	based on type of fuels and terrain	1			
	. 75 / 1 / 22 / 1				
◆ Critical Step - Failure on the		4	TOTALS		
step mandates failure on the entire objective!	must complete to pass:				
•	Location:				
Candidate	20000011	SS#			
Candidate's Fire Dept					
Evaluator Signature(s)					

Skill No. WFFI-18 Primary Task: Demonstrate the proper building of a cup trench on a slope										
Standard: 5.5.4(a)(b) NFPA 1051, 2007 Edition	NFPA 1051, 2007 Edition									
,	Task Steps			Pass	Fail					
◆1. Wear full PPE										
2. Determine that safety cons	iderations are met									
3. Select appropriate tool										
4. Build an adequate downhil	ll berm									
5. Cup trench should halt any	rolling firebrand from the fire	above								
◆ Critical Step - Failure on the	nis Total steps candidate	A	TOTALO							
step mandates failure on the	must complete to pass:	4	TOTALS							
entire objective!	must complete to puss.									
Test Date_	Location:									
Candidate		SS#								
Candidate's Fire Dept										
Evaluator Signature(s)										

Skill No. WFFI-19	Primary Task : Demonstrate the proper building of a control line using the bump up or one								
lick technique									
Standard: 5.5.4(a)(b)									
NFPA 1051, 2007 Edition	Equipment Required: A scen	ario, PPE, proper t	cools: shovel, McL	eod or Pulas	ki and a				
firefighter crew									
	Task Steps			Pass	Fail				
♦1. Wear full PPE									
2. Demonstrate proper space	when walking and working, (10	– 15 ft. apart)							
3. Select proper tools for give	n fuel types								
4. Construct line extending to	mineral soil								
5. Demonstrate proper intra-c	rew communications (bump, tak	te more, take less,	hazards)						
♦6. Demonstrate safe use of h	and tools								
◆ Critical Step - Failure on the	is Total steps candidate	5	TOTALS						
step mandates failure on the	must complete to pass:	J	IOIALS						
entire objective!									
Test Date	Location:								
Candidate		SS#							
Candidate's Fire Dept									
Evaluator Signature(s)									

Skill No. WFFI-20	Primary Task: Demonstrate wet mop-up						
Standard: 5.5.7(a)(b) NFPA 1051, 2007 Edition							
	Task Steps			Pass	Fail		
◆1. Use proper PPE including	g eye protection						
2. Use senses to detect burning	g materials						
3. Utilize hand tools for chop	ping, scraping and separating burni	ng materials					
4. Use hand tools in conjunct	ion with applying water						
5. Apply water appropriately							
6. Describe how to rearrange	fuels that are adjacent to the control	l line to facilitat	e holding the fire				
◆ Critical Step - Failure on	this Total steps candidate	5	TOTALS				
step mandates failure on th	e must complete to	J					
entire objective! Test Date	pass:						
Candidate	Location:	SS#					
Candidate's Fire Dept							
Evaluator Signature(s)							

Skill No. WFF1-21 Primary Task: Demonstrate dry mop-up								
Standard: 5.5.7(a)(b) NFPA 1051, 2007 Edition Equipment Required: A scenario, PPE and hand tools								
	Task Steps			Pass	Fail			
◆1. Wear proper PPE, includi	ing eye protection							
2. Use senses to detect burnir	ng materials							
3. Utilize hand tools for chop	ping, scraping and separating bu	rning materials						
4. Mix burning materials with	n soil							
5. Describe how to rearrange	fuels that are adjacent to the con	trol line to facilita	ate holding the fire					
♦ Critical Step - Failure on th	nis Total steps candidate	A	TOTAL					
step mandates failure on the	must complete to pass:	4	IOIAL					
entire objective!								
Test Date	Location:	SS#						
CandidateCandidate's Fire Dept		SS#						
Evaluator Signature(s)								

		(WFI	FI)			
Skill No. WFFI-22	Primary Task: Demonstrate of					
Standard: 5.5.7 Equipment Required: A scenario, PPE and proper tools						
NFPA 1051, 2007 Edition						
	Task Steps			Pass	Fail	
♦1. Wear full PPE						
2. Properly feel with the back	of ungloved hand to detect any l	neat				
3. Identify, mop up and extin	guish all hot areas adjacent to fire	e perimeter				
◆ Critical Step - Failure on the	nis Total steps candidate must complete to pass:	3	TOTALS			
step mandates failure on the entire objective!	must complete to pass:					
	Location:					
Candidate		SS#				
Candidate's Fire Dept						
Evaluator Signature(s)						

ON FIREFIGHTING WILDLAND FIREFIGHTER I (WFFI) Skill No. WEFI-23 Primary Task: Demonstrate follow-up procedures for wet line, retardent line or treated

Skill No. WFF1-23	area Primary Task: Demonstrate	iollow-up procedu	ires for wet line, re	tardant line (or treated
Standard: 5.5.8 NFPA 1051, 2007 Edition	Equipment Required: A scen	pario PPF and prov	ner tools		
NF1 A 1031, 2007 Edition	Task Steps	iario, i i E and proj	per tools	Pass	Fail
♦1. Wear full PPE	<u> </u>				
	oplication (i.e., all fuels not treate	ed skins in annlica	ntion and		
evaporation)					
3. Assess the nature of the fu	els (arrangement, continuity, con	mpactness, volume	e)		
4. Assess fire activity (smold	lering, creeping, running, spottin	g, crowning)			
	er burn throughout. Look for parels not fully burned out next to t		hed but unburned		
	out area of unburned fuel per sup				
♦ Critical Step - Failure on the	nis Total steps candidate	5	TOTALS		
step mandates failure on the	must complete to pass:	J	TOTALS		
entire objective!	Y ,*				
	Location:	SS#			
Candidate's Fire Dept					
Evaluator Signature(s)					

WILDLAND FIREFIGHTER II

All equipment utilized must meet the requirements of the current editions of NFPA 1977, NFPA 1521 and all other applicable NFPA Standards.

ON FIREFIGHTING WILDLAND FIREFIGHTER II (WFFII) Skill No. WFFII-1 Primary Task: Demonstrate use of maps and compass

Skiii No. WFFII-1	Primai	y rask: Demonstrate use	of maps and co	mpass						
Standard: 6.1.1(a)(b) NFPA 1051, 2007 Edition	Standard: 6.1.1(a)(b) NFPA 1051, 2007 Edition Equipment Required: A local topographical map and compass									
,	I	Task Steps			Pass	Fail				
1. Accurately determine local	l declinat	ion								
2. Use compass to point to tru	ue North									
3. Accurately orient map usin And/or topographic featur		ss, landmarks, improved p	roperties, streets	s, access roads,						
4. Accurately identify current landmarks or topographic		by determining back azim	ouths to two ider	ntifiable						
5. Verify location by compar		graphic features or street re	ferences with m	ap						
6. Describe location in terms	of coord	inates or other acceptable of	lescription							
7. Accurately read map symb	ools									
8. Accurately compute distan	ice and be	earing								
9. Accurately navigate to an a	assigned	destination								
	. 1	- T								
◆ <i>Critical Step</i> - Failure on the mandates	ns step	Total steps candidate must complete to pass:	7	TOTALS						
failure on the entire objective!										
Test Date		Location:								
Candidate										
Candidate's Fire Dept.										
Evaluator Signature(s)										

WILDLAND FIREFIGHTER II (WFFII) Task: Demonstrate proper use of portable or mobile multi-channel radio

Skill No. WFF11-2	Primai	ry Task: Demonstrate pro	per use of portab	ole or mobile mult	1-channel rad	10			
Standard: 6.1.1(a)(b) NFPA 1051, 2007 Edition									
	Pass	Fail							
1. Use clear text									
2. Correctly prepare radio for	r operatio	on							
3. Complete radio check									
4. Select proper channel									
5. Make appropriate adjustm	ents (squ	elch/volume)							
6. Change location to improve	ve recepti	on/transmission (as needed)						
7. Use proper radio procedur		chniques							
8. Exercise proper radio disc									
9. Describe agency procedur			gency traffic)						
10. Describe limitations of ra	adio comi	nunications							
◆ <i>Critical Step</i> - Failure on the mandates failure on the entir		Total steps candidate must complete to pass:	7	TOTALS					
objective!									
Test Date		Location:							
C 1: 1-4-		Location	SS#						
Candidate's Fire Dept.									
Evaluator Signature(s)									

Skill No. WFFII-3	Primary Task : Properly describe the safety zone guidelines with utilization of the IRPG							
Standard: 6.2.2 (a) NFPA 1051, 2007 Edition	Equipment Required : Properly of IRPG	Equipment Required : Properly describe the safety zone guideline with utilization of the IRPG						
	Pass	Fail						
1. Explain difference between	n a safety zone versus a deployment	t site						
2. Describe limitations of safe	ety zone guidelines							
◆ Critical Step - Failure on the		2	TOTALS					
mandates failure on the entire objective!								
	Location:							
		SS#						
Candidate's Fire Dept								
Evaluator Signature								

Skill No. WFF11-4	equipped and supplied for ass		-	urself and assigned c	rew members	s so that all are		
Standard: 6.2.1 (a)(b) NFPA 1051, 2007 Edition Equipment Required: A wildland fire assignment, agency forms, equipment and person protective equipment								
	Task Steps				Pass	Fail		
♦1. Inspect personal kit to en	nsure it contains items as neede	for ass	ignmen	t.				
Fireline Handbook								
IRPG								
Radio programming guide								
Equipment safety inspection	n list							
Local specific materials	11100							
•								
ICS 201 incident briefing f	orms							
Local maps								
♦2. Know flight weight limi	tation (if applicable)							
♦3. Inspect crew members'	personal gear to ensure that it co	ntains i	ems ne	eded for assignment.				
PPE								
prescribed medications								
Personal hygiene								
Incident specific tools and	equipment							
Food and water								
First aid kit								
◆ Critical Step - Failure on	Total steps candidate	3		TOTALS:				
this step mandates failure on	must complete to pass:	 -						
the entire objective!								
	Location:							
Candidate's Fire Dept								
Evaluator Signature								

Skill No. WFFII-5	I-5 Primary Task : Brief assigned personnel so that the personnel are informed of specific tasks, standards, safety, operational and special interest area considerations							
Standard: 6.2.2(a)(b)								
NFPA 1051, 2007 Edition	Equipment Required : An assignment requirements	nent, IRPG or F	ireline Handbook	and equipm	ent			
	Pass	Fail						
1. Type of incident								
2. Current situation status								
3. Expected duration of incid	lent							
4. Terrain								
5. Weather, current and expe	ected							
♦6. Special equipment neede	d							
7. Phone/radio contact proced	dures during travel							
8. Threats to improved prope	erty							
♦9. Access/Egress								
10. Answer questions for cla	rification on assignment as needed							
◆ <i>Critical Step</i> - Failure on the mandates failure on the entire		7	TOTALS					
objective!	must complete to pass.							
	Location:							
Condidata		SS#						
Candidate's Fire Dept								
Evaluator Signature(s)								

Skill No. WFFII-6	Primary Task : Maintain and operate a chain saw so that the proper tool is selected and the assignment is correctly completed						
Standard: 6.5.4(a)(b) NFPA 1051, 2007 Edition Equipment Required: Proper PPE, including saw chaps, hearing protection and							
NFPA 1051, 2007 Edition	protection, demonstrate proper use			rotection and e	eye		
	Pass	Fail					
♦1. Use proper PPE (including	g saw chaps)						
2. Use correct fueling and sta	rting procedures						
♦3. Correctly carry chain saw	1						
♦4. Use correct stopping and	refueling procedures						
5. Inspect and maintain saw							
◆ Critical Step - Failure on the		4	TOTALS				
mandates failure on the entire	must complete to pass:	-					
objective! Test Date	Location:						
Candidate		SS#					
Candidate's Fire Dept Evaluator Signature(s)							
Lyandaroi Signature(s)							

WILDLAND FIREFIGHTER II (WFFII) Task: Maintain and operate a pump so that the proper tool is selected and the

Skill No. WFFII-7 Primary Task: Maintain and operate a pump so that the proper tool is selected and the							
Standard: 6.5.5(a)(b)	assignment is correctly completed						
NFPA 1051, 2007 Edition	Equipment Required : An assign simple hose lay	ment/scenario an	d a pump and acc	essories to sup	pply a		
	Pass	Fail					
1. Plan pumping operation (a	ppropriate agent, water source and	type of pump and	l accessories)				
2. Correctly position pump a	nd assemble accessories						
3. Prime, start and warm up p							
4. Operate pump engine at de	esired PSI and GPM						
5. Refuel and maintain pump	for continuous operation						
6. Correctly stop pump							
7. Provide correct field main Guidelines	tenance to engine and pump in acco	ordance with mair	ntenance				
◆ Critical Step - Failure on the		5	TOTALS				
mandates failure on the entire objective!	must complete to pass:						
Test Date	Location:	<u>I</u>					
		SS#					
Evaluator Signature(s)							

Skill No. WFFII-8	and equipment for fire use is ensured							
Standard: 6.3.2 6.3.3(a)(b) NFPA 1051, 2007 Edition								
	Task Steps				Pass	Fail		
1. Inspect water handling equ	ipment for readiness							
2. Inspect hand tool for readi	ness							
• C.4: E 1	Landar Total stores	didata	•	TOTALO				
 Critical Step - Failure on the mandates failure on the entire 			2	TOTALS				
objective!		_						
Test DateCandidate								
Candidate's Fire Dept								
Evaluator Signature(s)								

Skill No. WFFII-9 Primary Task: Simulate the reduction of fire exposure to improved properties so that								
Standard: 6.5.3(a)(b)	improvements are protected and the risk from fire is reduced.							
NFPA 1051, 2007 Edition	Equipment Required: A wildlan IRPG and an assignment	d/urban interface	e fire scenario and	picture, crew,	tools,			
		Pass	Fail					
1. Take appropriate action to								
assigned incident tasks	sarciy ilitiate action during ilitial a	ittack of when co	mpicting					
2. Direct the rearrangement a	and reduction of fuel							
3. Direct the securing of haza	ards							
4. Direct the preparation of b	uilding/structure							
5. Direct the application of p	re-treatment agents(foam, gel)							
◆ Critical Step - Failure on the	nis step Total steps candidate	4	TOTALS					
mandates failure on the entire		4	IOIALO					
objective!								
Test Date	Location:							
Candidate		SS#						
Candidate's Fire Dept Evaluator Signature(s)								
Evaluator Signature(s)								

Skill No. WFFII-10 Standard: 6.5.6(a)(b) NFPA 1051, 2007 Edition	Primary Task : Describe methods to secure the area of suspected fire origin and associated evidence so that all evidence or potential evidence is protected from damage or destruction and reported to a supervisor						
	Pass	Fail					
	Task Steps						
1. Describe methods to secur			ssociated evide	ence			
2. Describe how to identify a	nd mark suspecte	ed evidence					
3. Notify supervisor of possib	ole evidence						
◆ <i>Critical Step</i> - Failure on the mandates failure on the entire objective!	must c	teps candidate omplete to pass:	3	TOTALS			
Test DateCandidate			SS#				
Candidate's Fire Dept			οωπ				
Evaluator Signature(s)							

AIRPORT FIREFIGHTER

All equipment utilized must meet the requirements of the current edition of NFPA 1003 and all other applicable NFPA Standards.

AIRPORT FIRE FIGHTER (AFF)

CLULAT A EEE 4		(1111)							
Skill No. AFF-1 Standard: 6.1.1.4 NFPA 1003, 2005 Edition	Primary Task: Donning Proxir	nity Protective Eq	uipment (PrPP)						
Objective: Given a complete set of proximity protective clothing (coat, pants, hood, gloves, helmet and boots), you will be required to properly don the proximity protective clothing. You will begin on instructions to start and will end when you state that you have completed all of the identified steps. Do you understand these instructions?									
Engineer A. D.									
Equipment Required: PrPPE ensemble (pants, boots, coat, hood, helmet with shroud, gloves) Task Steps Pass Fail									
				1 433	1 411				
The candidate shall safely a	nd correctly don:								
1. Proximity pants and boots									
2. Proximity coat									
3. Hood									
4. Proximity helmet with shro	oud								
5. Proximity gloves									
◆ <i>Critical Step</i> - Failure on the mandates failure on the entire		5	TOTALS						
objective!									
	Location:	9911							
		SS#							
Candidate's Fire Dept Evaluator Signature(s)									
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G- 4			AIT)		
Skill No. AFF-2	Primary Task: Communication	ıs – Size-Up			
Standard: 6.2.1, 6.2.2 NFPA 1003, 2005 Edition					
	and communications equipment,				
	e situation report, and implement		agement system (I	MS) protocol	according
to the airport emergency plan	. Do you understand these instruc	etions?			
Equipment Required: Incide procedure, fire attack procedu	ent Management System protocolures and a given scenario.	, airport emergenc	ey plan, communic	ation equipme	ent and
	Task Steps			Pass	Fail
The Candidate will:					
1. Operate communication de	vices correctly				
2. Communicate an accurate l	orief initial report, size-up and sit	uation report			
3. Implement IMS according	to airport emergency plan				
4. Identify aircraft types					
5. Correctly utilize the IMS					
6. Use proper radio etiquette					
◆ Critical Step - Failure on th		6	TOTALS		
mandates failure on the entire					
objective!	complete to pass:				
	Location:	00"			
		SS#			
Candidate's Fire Dept					
Evaluator Signature					

Skill No. AFF-3	Primary Task: Co	mmunications -	– Air Traffic Co	ntrol (ATC)		
Standards 621 622						
Standard: 6.2.1, 6.2.3 NFPA 1003, 2005 Edition						
Objective: Given a scenario					ipment using	g aviation
phraseology and the aviation p	phonetic alphabet. D	o you understa	nd these instruct	tions?		
Equipment Required: Comm	unication equipmen	nt and frequenc	ies, tower light s	signal plans, fire o	lepartment a	nd airport
terminology, a response destir	ation, other items a	s determined by	y the examiner			
	Task S	Steps			Pass	Fail
The Candidate will:						
1. Identify starting point, inter	ded destination and	intended path	of travel			
2. Confirm clearance with gro	und control (radio o	r tower light si	gnals)			
3. Identify unit calling and req (AOA)	uest emergency cle	arance to travel	on the aircraft o	pperations area		
4. Correctly use radio termino	logy					
5. Use proper radio etiquette						
6. Operate communication dev	vices correctly					
◆ Critical Step - Failure on thi		s candidate	6	TOTALS		
mandates failure on the entire	must com	plete to pass:	-			
objective! Test Date	Ι,	ocation:				
Candidate Candidate	L(ranon	SS#		-	
Candidate's Fire Dept						
Evaluator Signature						

Skill No. AFF-4	Primary Task : Communications -	- Standby			
Standard: 6.2.4 NFPA 1003, 2005 Edition					
Objective: Given a scenario, y instructions?	you will recognize hazardous condi	tions and take	corrective action. I	Oo you unders	tand these
Equipment Required: Airpor	rt policies and procedures for hazar	dous condition	s and a given scena	ario	
	Task Steps			Pass	Fail
The Candidate will:					
1. Review given assignment					
2. Evaluate scenario for hazaro	dous conditions				
3. Address each hazardous cor	ndition separately				
4. Resolve each hazardous cor	ndition according to policies and pr	ocedures			
◆ Critical Step - Failure on thi		4	TOTALS		
mandates failure on the entire objective!	must complete to pass:				
	Location:				
Candidate		SS#			
Candidate's Fire Dept Evaluator Signature(s)					

Skill No. AFF-5	Primary Task: Responding to Incid	lents			
Standard: 6.2.1 NFPA 1003, 2005 Edition					
Objective: You will read an a	airport map with grid marks and inter				
	tify an airport water distribution loca				or identify
airport markings and lights in	regards to the response scenario give	en. Do you unde	erstand these inst	ructions?	
Equipment Required: Airpo	rt map with grid markings and a give	n scenario			
	Task Steps			Pass	Fail
The Candidate will:					
1. Find location given on airp	ort grid map				
2. Properly identify route to b	e taken				
3. Identify any hazards of rou	te to be taken				
4. Correctly identify the water	r distribution system location(s) on the	ne airport grid m	nap		
5. Identify airport markings at	ffecting the response				
6. Identify airport lighting aff	ecting the response				
7. Complete all steps within the	he allotted time				
A Could and Chart To large of	Total store condition	-	TOTALO		
◆ <i>Critical Step</i> - Failure on the mandates failure on the entire	_	7	TOTALS		
objective!	mast complete to pass.				
Test Date	Location:			•	
		_SS#			
Candidate's Fire Dept Evaluator Signature					
Evaluator Signature					

Skill No. AFF-6 Prim	ary Task: Rescue - Access	·			
Standard: 6.4.1 NFPA 1003, 2005 Edition					
Objective: Working in a team with					
emergency evacuation of the aircraft Do you understand these instruction		all safety the a	ircraft by shutting d	own the aircra	ft systems.
Equipment Required: PrPPE, aircr		ce (air-stairs),	charged hand line	ı	
	Task Steps			Pass	Fail
The Candidate will correctly and sat	ely:				
1. Assist with evacuation and secure	evacuation chutes				
2. Operate a specialized ladder					
3. Operate a high reach device (if av	ailable)				
4. Shut down aircraft systems					
◆ <i>Critical Step</i> - Failure on this step	Total steps candidate	4	TOTALS		
mandates failure on the entire	must complete to pass:	4	IOIALO		
objective!	T				
Test DateCandidate		SS#			
Candidate's Fire Dept					
Evaluator Signature(s)					

Skill No. AFF-7	Prima	ry Task: Rescue - Disentar	ngle			
Standard: 6.4.2						
NFPA 1003, 2005	Edition					
		rPPE, you will use power t				e the
victim without und	lue further injury w	hile managing any hazards	present. Do you	understand these	instructions?	
Equipment Requirement scenario.	ired: PrPPE, aircra	ft wreckage, charged hand	line, powered fo	orcible entry tools,	rescue mannec	uin and a
		Task Steps			Pass	Fail
The Candidate wil	1:					
1. Correctly perfor	m search procedure	es				
2. Control any haz	ards					
3. Operate power s	aw					
4. Operate hydraul	ic spreader and cut	ter				
5. Operate a pneur	natic cutter					
6. Operate a pullin	g device					
7. Safely remove v	ictim					
8. Correctly and sa	fely operate rescue	tools				
<i>♦ Critical Step -</i> Fa	ailure on this step	Total steps candidate	8	TOTALS		
mandates failure o		must complete to pass:		IOIALO		
objective!						
Test Date Candidate		Location:	SS#			
Candidate's Fire D	 Jent		აა#			
Evaluator Signatur						

Skill No. AFF-8 Prima	ry Task: Rescue - Triage				
Standard: 6.4.3 NFPA 1003, 2005 Edition					
Objective: Working in PrPPE, you v				ns placing the	m in the
proper categories for treatment and tr					
Equipment Required : PrPPE, triage	<u> </u>	ed victims, a gi	ven scenario	_	
	Task Steps			Pass	Fail
The Candidate will correctly:					
1. Size-up scene, ensuring scene is sa					
2. Set up triage areas for each categor	ry				
3. Use proper PrPPE					
4. Assess the critical factors of patier	at condition				
5. Tag patient for triage category					
6. Direct movement of patients to tria	age category area				
<i>♦ Critical Step</i> - Failure on this step	Total steps candidate	6	TOTALS		
mandates failure on the entire	must complete to pass:	U	IOIALS		
objective!	τ				
Test DateCandidate	Location:	SS#			
Candidate's Fire Dept		5511			
Evaluator Signature(s)					

			(Al	ST)		
Skill No.	AFF-9	Primary Task : Suppression - In	iterior			
Standard NFPA 10	: 6.3.5 03, 2005 Edition					
		fire on the interior of an aircraft v				
		gnment, an ARFF vehicle hand lin				
		ssing the aircraft. The team integrated rattack line deployment for advantage.				
		area. The team will demonstrate ϵ				
		te suppression given the level of t				
	•	ft interior hazards are avoided or				
understand	d these instructions	?				
Equipme	nt Required: PrPP	E, ARFF apparatus, hand lines, la	dder			
		Task Steps			Pass	Fail
1. Main	tain team integrity	for duration of skill scenario				
2. Safely	y deploy attack lir	ne(s)				
3. Achie	eve access in a saf	e and effective manner				
4. As pa	art of the team, gai	n access into the aircraft and a	dvance to the	e fire area		
5. Effec	tively apply agent					
	ress and control th					
7. Avoid	d or manage interi	or hazards				
i						
i						
i						
♦ Critica	al Step – Failure	Total steps candidate	7	TOTALC		
	step mandates	must complete to pass:	1	TOTALS		
	on the entire					
objectiv	re!					
		Location:				
Candidate	<u> </u>		SS#			
Evaluator	Signature(S)					

Standard: 6.3.8 NPPA 1003, 2005 Edition Objective: Operating as a member of a team, given PrPPE and an assignment, you will operate doors and hatches. You will operate mechanical ventilation devices and remove barriers. Do you understand these instructions? Equipment Required: PrPPE, SCBA, mechanical ventilation device, aircraft door, hatch or equivalent simulator, a given scenario Task Steps Pass Fail The Candidate will: 1. Choose correct aircraft access point 2. Safely operate aircraft door or hatch 3. Remove obstructions or barriers to ventilation process 4. Set up and operate mechanical ventilation device at opening provided • Critical Step - Failure on this step mandates failure on the entire objective! Total steps candidate must complete to pass: Location: SS#	Skill No. AFF-10	Primary Task: Suppression -	ventilation			
Objective: Operating as a member of a team, given PrPPE and an assignment, you will operate doors and hatches. You will operate mechanical ventilation devices and remove barriers. Do you understand these instructions? Equipment Required: PrPPE, SCBA, mechanical ventilation device, aircraft door, hatch or equivalent simulator, a given scenario Task Steps Pass Patl The Candidate will: 1. Choose correct aircraft access point 2. Safely operate aircraft door or hatch 3. Remove obstructions or barriers to ventilation process 4. Set up and operate mechanical ventilation device at opening provided • Critical Step - Failure on this step mandates failure on the entire objective! Test Date Location: Candidate SS# Total steps candidate SS#						
Per Equipment Required: PrPPE, SCBA, mechanical ventilation device, aircraft door, hatch or equivalent simulator, a given scenario Task Steps Pass Pail The Candidate will: 1. Choose correct aircraft access point 2. Safely operate aircraft door or hatch 3. Remove obstructions or barriers to ventilation process 4. Set up and operate mechanical ventilation device at opening provided ◆Critical Step - Failure on this step mandates failure on the must complete to pass: Test Date Location: SS# Task Steps Pass Pail Total Steps Pass Pail Pass Pass Pail Pass Pass Pail Pass Pass Pail Pass Pail Pass Pail Pass Pail Pass P		mber of a team, given PrPPE a	nd an assignment,	you will operate do	ors and hate	ches. You will
Task Steps Pass Fail The Candidate will: 1. Choose correct aircraft access point 2. Safely operate aircraft door or hatch 3. Remove obstructions or barriers to ventilation process 4. Set up and operate mechanical ventilation device at opening provided • Critical Step - Failure on this step mandates failure on the entire objective! Total steps candidate ust omplete to pass: a total steps candidate must complete to pass: Candidate Sirle Dept. SS#						
The Candidate will: 1. Choose correct aircraft access point 2. Safely operate aircraft door or hatch 3. Remove obstructions or barriers to ventilation process 4. Set up and operate mechanical ventilation device at opening provided **Critical Step - Failure on this step mandates failure on the entire objective! Total steps candidate must complete to pass: Location: Candidate Candidate Candidate Candidate Candidate Candidate Candidate SS#		S, SCBA, mechanical ventilation	on device, aircraft d	loor, hatch or equiv	alent simula	ator, a given
1. Choose correct aircraft access point 2. Safely operate aircraft door or hatch 3. Remove obstructions or barriers to ventilation process 4. Set up and operate mechanical ventilation device at opening provided **Critical Step - Failure on this step mandates failure on the entire objective! Total steps candidate must complete to pass: Candidate Location:		Task Steps			Pass	Fail
2. Safely operate aircraft door or hatch 3. Remove obstructions or barriers to ventilation process 4. Set up and operate mechanical ventilation device at opening provided *Critical Step - Failure on this step mandates failure on the entire objective! Total steps candidate						
3. Remove obstructions or barriers to ventilation process 4. Set up and operate mechanical ventilation device at opening provided *Critical Step - Failure on this step mandates failure on the entire objective! Total steps candidate must complete to pass: Candidate	1. Choose correct aircraft acce	ess point				
4. Set up and operate mechanical ventilation device at opening provided Critical Step - Failure on this step mandates failure on the entire objective! Total steps candidate must complete to pass: Total steps candidate must complete to pass: SS# Candidate SFire Dept.						
◆ Critical Step - Failure on this step mandates failure on the entire objective! Total steps candidate must complete to pass: Total steps candidate must complete to pass: Location: Candidate SS# Candidate's Fire Dept.	3. Remove obstructions or bar	riers to ventilation process				
step mandates failure on the entire objective! Test Date Location: SS# Candidate SS#	4. Set up and operate mechan	ical ventilation device at openi	ng provided			
step mandates failure on the entire objective! Test Date Location: SS# Candidate SS#						
step mandates failure on the entire objective! Test Date Location: SS# Candidate SS#						
step mandates failure on the entire objective! Test Date Location: SS# Candidate SS#						
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step mandates failure on the entire objective! Test Date Location: SS# Candidate SS#	♦ Critical Sten - Failure on the	Total steps candidate	Л	TOTALS		
Test Date Location: Candidate SFire Dept. Candidate SS#	step mandates failure on the		7	IOIALO		
Candidate SS# Candidate's Fire Dept.		I ocation:				
		Location	SS#			
Evaluator Signature(s)	Candidate's Fire Dept.					
	Evaluator Signature(s)					

<u></u>		(AFF)			
Skill No. AFF-11	Primary Task : Preserve Scen	e and Overhaul			
Standard: 6.3.10, 6.3.11 NFPA 1003, 2005 Edition					
Objective: Working in a team wrecked fuselage and locate, earroraft accident scene so that earroraft accident scene so that earrorage are so that earror	xpose and extinguish any hidd	en fires to protect pr	roperty from furth	er damage. Pr	eserve the
these instructions?		1	8 1 1	a. I j i a a	
Equipment Required : Airport PrPPE, Debris field or aircraft,	*			~ ~ 1	
	Task Steps			Pass	Fail
6.3.10 The Candidate will:					
1. Identify scene preservation r	nethods				
2. Identify evidence identificat	ion procedures				
3. Identify evidence protection	procedures				
6.3.11 The Candidate will:					
1. Secure area and ensure overl	haul does not disturb evidence	;			
2. Locate hidden fire (heat sour	rce); use thermal imager if ava	ilable			
3. Expose hidden fire					
4. Correctly extinguish fire					
5. Prevent re-ignition of fire					
◆ Critical Step - Failure on this			TOTALS		
mandates failure on the entire objective!	must complete to pas	SS:			
Test Date	Location:	<u> </u>			
Candidate		SS#			
Candidate's Fire Dept					
Evaluator Signature(s)					

Skill No. AFF-12	Prima	ry Task: Suppression – Dr	y Chemical Extir	nguisher		
Standard: 6.3.1 NFPA 1003, 2005 Edition						
Objective: You shall, as a me	ember of	f a team and utilizing PrPP	E, operate dry ch	emical extinguish	ers equipped v	vith a hose
line, including removing and				I techniques suffic	eient to extingu	iish a 23.2
m2 (250 ft2) fire in 25 second	ls. Do yo	ou understand these instruc	tions?			
Equipment Required: PrPPF	E 100 1h	(minimum) dry chemical	fire extinguisher	with hose line sa	fety hand line	(manned
and charged) from secondary						(mamile a
		Task Steps			Pass	Fail
The Candidate will:						
1. Place the extinguisher syste	em into	operation				
2. Approach fire from the upv	vind pos	ition				
3. Direct agent at the base of	the fire,	using an aggressive sweep	ing motion			
4. Use techniques applied wit fires, physical properties a			aircraft fuels, poo	oling of fuel		
5. Avoid splashing or churnin						
6. Extinguish the fire in 25 se	conds or	e less, and monitor area for	re-ignition			
		[
◆ Critical Step - Failure on th		Total steps candidate	6	TOTALS		
mandates failure on the entire		must complete to pass:				
objective! Test Date		Location				
Candidata		Location:	SS#			
Candidate's Fire Dept.						
Evaluator Signature(s)						

Skill No. AFF-13	Primary Task: Suppression – Op	erate Fire Strea	ams, Apply Agent		
Standard: 6.3.2					
NFPA 1003, 2005 Edition					
•	ber of a team and utilizing PrPPl	•	11 0	AFFF using t	the prescribed
techniques, extinguish the fire i	n no more than 90 seconds. Do y	ou understand	these instructions?		
	ARFF apparatus equipped with a				ming foam
(AFFF) or equivalent training a	gent, tank/contained area to recre	ate aircraft fue	l spill, a given scen		
	Task Steps			Pass	Fail
The Candidate will:					
1. Approach fire from an upwin	d position				
2. Maintain team integrity for d	uration of skill				
3. Charge hand line and adjust 1	nozzle pressure to produce effecti	ve pattern			
	consideration to fire behavior of	aircraft fuels, p	ooling of fuel fire		
physical properties and characteristics Avoid splashing or churning	acteristics of aircraft fuel fuel with agent stream, apply age	ent with a cure	ning motion and		
avoid walking through the fo		int with a swee	ping motion and		
	onds and area is monitored for re	-ignition			
♦ <i>Critical Step</i> - Failure on this	step Total steps candidate	6	TOTALS		
mandates failure on the entire	must complete to pass:	0	IUIALS		
objective!	1 1				
	Location:				
Candidate		SS#			
Candidate's Fire Dept Evaluator Signature(s)					
Draidator Digitature(s)					

(AFF)					
Skill No. AFF-14 Primary Task: Suppression – Three-Dimensional Fire					
Standard: 6.3.4 NFPA 1003, 2005 Edition					
Objective: Working as a member	er of a team, utilizing PPPE and	an ARFF vehic	cle hand line with di	ual-agent ca	pability, you
will operate fire streams applyin	g primary and secondary ARFF	agents, using p	rescribed technique	s sufficient	to extinguish
a three-dimensional fire. Do you	understand these instructions?		-		_
Equipment Required: PrPPE, t	raining agent (AFFF, dry chemi-	cal, Halon, Hal	otron®, water), AR	FF vehicle	equipped with
dual-agent hand line capability,				rce per NFP	PA 1403,
airport or training facilities proc	edure to recreate a three-dimens	ional fire, a giv	en scenario		
	Task Steps			Pass	Fail
The Count 1 day 22 11.					
The Candidate will:					
1. Maintain team integrity for du	ration of skill				
2. Charge hand line(s) and adjus	t nozzle pressure to produce effe	ective pattern(s))		
3. Approach fire from upwind p	osition				
4. Use techniques applied with o	consideration to fire behavior of	aircraft fuals in	three dimension		
	physical properties and characte				
5. Avoid splashing or churning of	<u>, , , , , , , , , , , , , , , , , , , </u>				
applied agent(s)	or pooled ruer with agent streams	s and avoid war	iking unougn		
6. Monitor area for re-ignition					
o. Womeof area for to ignition					
A Critical Stan Ecilum on this	step Total steps candidate	•	TOTALO		
◆ <i>Critical Step</i> - Failure on this mandates failure on the entire	must complete to pass:	6	TOTALS		
objective!	must complete to pass.				
T , D ,	Location:				
Candidate		SS#			
Candidate's Fire Dept.		5511		-	
Evaluator Signature(s)					

Skill No. AFF-15 Primary Task: Suppression – Engine or Auxiliary Power Unit (EPU/APU)						
Skill No. AFF-15	Primar	y Task: Suppression – En	gine or Auxilia	ry Power Unit (EPC	J/APU)	
Standard: 6.3.6 NFPA 1003, 2005 Edition						
Objective: Working as a mem	ber of a	team, utilizing PrPPE, yo	u will deploy a	nd operate ARFF ha	and line or tur	rets, gain
access to aircraft engine and A	APU/EPU	J and shut down engine ar	nd APU. Do you	understand these i	nstructions?	
Equipment Required : PrPPE, SCBA, ARFF vehicle with turret, policies and procedures regarding extinguishment of aircraft engine/APU/EPU fires, a given scenario					ent of	
-		Task Steps			Pass	Fail
The Candidate will:						
1. Set up attack from a safe dis	stance					
2. Select proper agent						
3. Engage extinguishing system	m and A	RFF hand line				
4. Approach fire in accordance wheel assembly)	e with sa	afety procedures (i.e. upwi	nd position, rea	r or front of		
5. Gain access to aircraft engin	ne and A	APU/EPU				
6. Select and operate the appro	priate to	arret(s) hand line				
7. Shut down engine and APU						
8. Manage agent supply with a	8. Manage agent supply with accurate/effective stream placement					
9. Apply agent in a sweeping motion and avoid walking through foam blanket						
◆ Critical Step - Failure on this	s step	Total steps candidate	9	TOTALS		
mandates failure on the entire objective!		must complete to pass:				
Test Date Location:						
Candidate SS#						
Candidate's Fire Dept						
Evaluator Signature(s)						

TENNESSEE COMMISSION ON FIREFIGHTING AIRPORT FIRE FIGHTER

(AFF)

Skill No. AFF-16	Primary Task : Suppression – Wh	eel Fire			
2	z z z z z z z z z z z z z z z z z z z				
Standard: 6.3.7					
NFPA 1003, 2005 Edition					
•	nber of a team, utilizing PrPPE, you		•		roach the
	procedures, select and apply agent	to extinguish the	e fire. Do you und	lerstand these	
instructions?					
E ADEI	Contint DaDDE CCDA and all and	1.1	1:	··	
	F vehicle, PrPPE, SCBA, wheel assewater), other items as determined b			ing agents (Al	FFF, ary
chemical, Halon, Halonone,	Task Steps	y the examiner, a	a given seenario	Pass	Fail
	1 ask Steps			1 ass	ran
The Candidate will:					
1. Be aware of fusible plug pr	oblems				
2. Set up attack from a safe di	stance				
3. Select proper agent					
4. Engage extinguishing syste	m and ARFF hand line				
5. Approach fire in accordance	e with safety procedures (i.e. upwir	nd position, rear	or front of		
wheel assembly)	T C C C C C C C C C C C C C C C C C C C	F ,			
6. Adjust nozzle to produce a	n effective pattern				
7. Direct agent at the base of	the fire				
8. Monitor area for re-ignition	8. Monitor area for re-ignition				
◆ Critical Step - Failure on th	is step Total steps candidate	8	TOTALS		
mandates	must complete to pass:	O	TOTALS		
failure on the entire objective					
Test Date					
CandidateSS#					
Candidate's Fire Dept					
Evaluator Signature(s)					

Skill No. AFF-17 Pr	Primary Task: Suppression – ARFF Vehicle Turret Fire					
Standard: 6.3.3 NFPA 1003, 2005 Edition						
Objective: Working as a member of a team, utilizing PrPPE, you will identify hazardous conditions and apply fire-fighting agents and streams using ARFF vehicle turrets, to extinguish an aircraft fuel spill fire in less than 90 seconds. Do you understand these instructions?						
Equipment Required : PrPPE, A or other means of backup for safe						
Task Steps					Fail	
The Candidate will:						
1. Engage the ARFF vehicle fire	fighting systems					
2. Approach and apply agent from	m an upwind position					
3. Select and operate the appropri	riate turret(s)					
4. Modulate ARFF vehicle arour	1170	gent in sweeping	motion,			
pushing the fire away from th 5. Avoid driving through foam b	<u> </u>					
6. Perform assigned operation in		s and procedures				
7. Extinguish the fire within the		•				
-	7. Zatanguish the within the specified time (>0 seconds of less)					
◆ Critical Step - Failure on this s	tep Total steps candidate	7	TOTALS			
mandates failure on the entire	must complete to pass:	1	IOIALO			
objective! Test Date	ÿ					
CandidateCandidate's Fire Dept.		SS#				
Evaluator Signature(s)						

Skill No. AFF-18	Primar	y Task: Suppression - Re	plenish Extingui	shing Agents		
Standard: 6.3.9 NFPA 1003, 2005 Edition						
Objective: Working as a men			te the procedures	to replenish the	vehicle agent ar	nd water
supply. Do you understand the	ese ınstrı	actions?				
Equipment Required: Helmo	et, glove	s, boots, eye protection, A	RFF vehicle, a gi	ven scenario		
		Task Steps			Pass	Fail
The Candidate will:	The Candidate will:					
1. Use proper PPE, such as he	lmet, ey	e protection and gloves				
2. Flush hydrant before attach	ing supp	ly line				
3. Connect supply line to hydr	rant (or r	mobile water source) and v	ehicle intake			
4. Open water tank and foam	tank ven	t covers				
5. Operate hydrant and valves	to fill w	rater tank. Close valves wh	en full of water.			
6. Open and close valves slow	ly to pre	event water hammer				
7. Manually fill foam tank wit	th proper	amount and type of foam	system used			
8. Close vent covers, disconne	ect lines	and return intake cap				
9. Ensure water has drained fr	om hydr	ant before replacing hydra	nt cap			
10. Complete skill within the time established by the AHJ						
◆ Critical Step - Failure on the		Total steps candidate	10	TOTALS		
mandates failure on the entire objective! must complete to pass:						
CandidateSS#						
Candidate's Fire Dept Evaluator Signature(s)						
Evaluator Signature(s)						

Skill No. AFF-19	Primary Task : Suppression – En	gine and Cargo E	xtinguishing		
Standard: 6.1.1.4 NFPA 1003, 2005 Edition					
	nber of a team, utilizing PrPPE, yo				
	vate extinguishing systems for both	n engine and cargo	o systems. Do yo	u understand tl	nese
instructions?					
Equipment Required : PrPPE, SCBA, policies and procedures regarding extinguishment of aircraft engine and cargo fires with onboard extinguishing systems, aircraft emergency extinguishing controls or equivalent simulator, a given scenario					
Task Steps				Pass	Fail
The Candidate will:					
1. Gain access to the aircraft					
2. Locate emergency system of	controls				
3. Activate emergency contro	ls for engine shutdown				
4. Activate engine extinguish	ing system				
5. Activate cargo extinguishir	ng system				
◆ Critical Step - Failure on th		5	TOTALS		
mandates failure on the entire objective!	must complete to pass:				
Test Date	Location:				
Condidate		SS#			
Candidate's Fire Dept.					
Evaluator Signature(s)					



This work book has been prepared to help the student meet the practical requirements for Fire Safety Compliance Officer I This work book is to remain on file and is subject to audit by the Commission.

It is to be completed before testing for certification at the State Level you will have one (1) year from the date you first test to attain certification or you will have to complete a new work book.

All items must be completed and <u>printed legible</u>.

<u>All</u> items must be signed by the

CERTIFIED Inspector in the space provided

This does not meet T.C.A. 68-120-113 nor does it meet the J.P.R.s for NFPA 1031



The applicant shall accompany a certified inspector on the following inspections.

2 Inspections in an industrial setting Inspection sheets must be attached	
2 Inspections in an educational setting Inspection sheets must be attached	
2 Inspections in a business setting Inspection sheets must be attached	
2 Inspections in an institutional setting Inspection sheets must be attached	
Date of Completion	
Name of <u>CERTIFIED</u> Inspector conducting exa	m
Print	
Certification #Expiration Date	
Applicant Name	
Print	
I confirm that I	have completed this practical exam
Signature of Inspector	



This work book has been prepared to help the student meet the practical requirements for Fire Safety Compliance Officer II.

This work book is to remain on file and is subject to audit by the Commission.

It is to be completed before testing for certification at the State Level you will have one (1) year from the date you first test to attain certification or you will have to complete a new work book.

All items must be completed and <u>printed legible</u>.

<u>All</u> items must be signed by the

CERTIFIED Inspector in the space provided

This does not meet T.C.A. 68-120-113 nor does it meet the J.P.R.s for NFPA 1031



The applicant shall conduct inspections in the following locations under the supervision of a certified inspector.

2 Inspections in an industrial setting Inspection sheets must be attached	
2 Inspections in an educational setting Inspection sheets must be attached	
2 Inspections in a business setting Inspection sheets must be attached	
2 Inspections in an institutional setting Inspection sheets must be attached	
Date of Completion	
Name of <u>CERTIFIED</u> Inspector conducting exam	
Print	
Certification #Expiration Date	
Applicant Name	
Print	
I confirm that Ih	ave completed this practical exam.
Signature of Inspector	